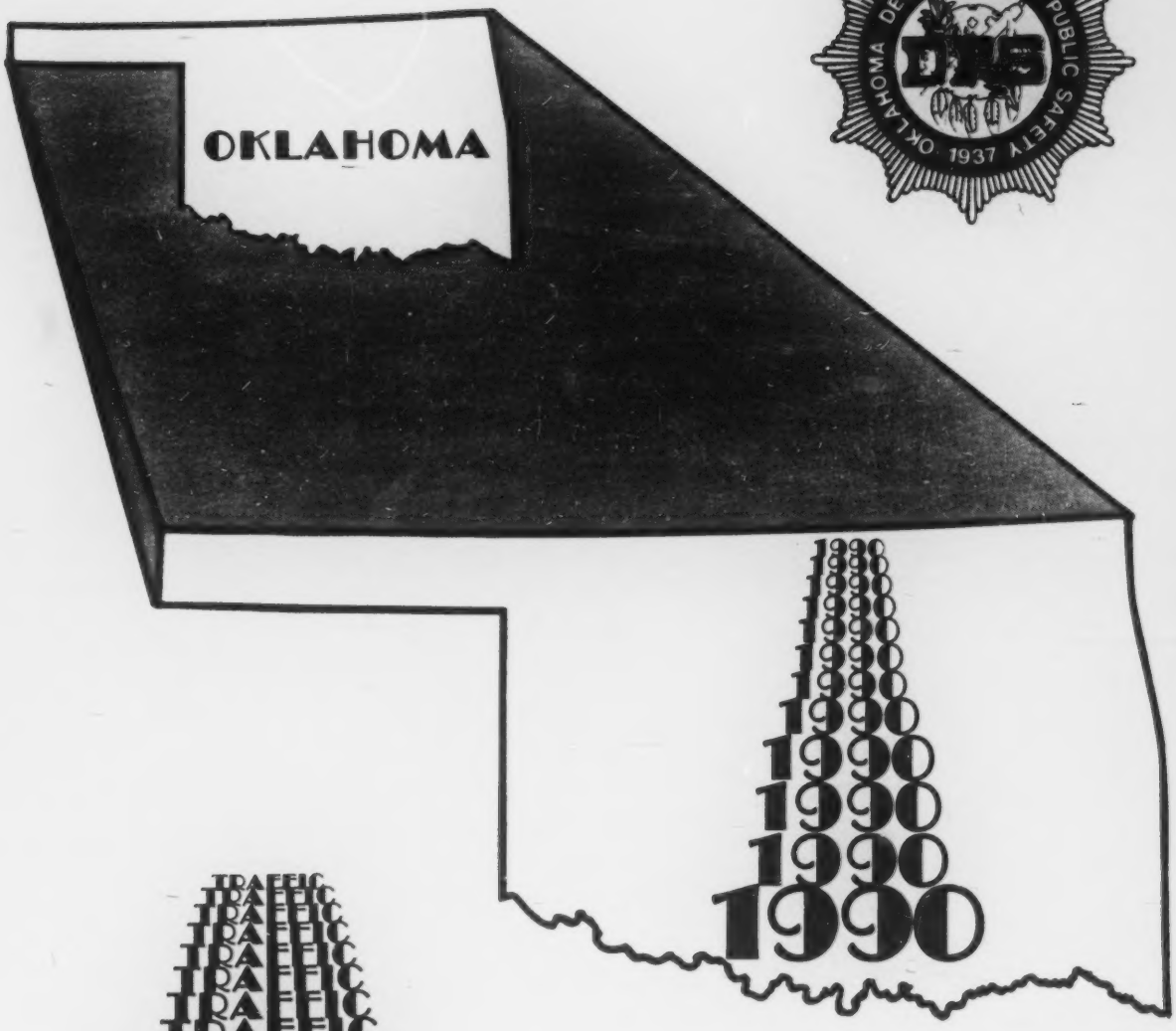
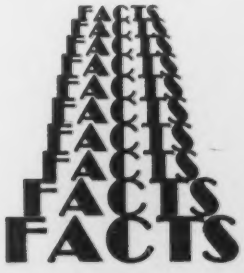


ACCIDENT



1990

OKLAHOMA

TRAFFIC ACCIDENT FACTS

DEPARTMENT OF PUBLIC SAFETY

1990 EDITION

OKLAHOMA DEPARTMENT OF PUBLIC SAFETY
P. O. BOX 11415
3600 NORTH KING AVENUE
OKLAHOMA CITY, OKLAHOMA 73136-0415

JUNE 1991

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OKLAHOMA BACKGROUND
1990

Population	3,145,585 (1990)
Square Miles	69,957
Miles of Road (State, County and City Maintained)	110,682
Registered Vehicles	3,119,680 (1990)**
Registered Motorcycles	67,802

Major Cities	Population	Square Miles
*Oklahoma City	444,719	621.0
*Tulsa	367,302	192.36
Lawton	80,561	31.2
Norman	80,071	173.5
Enid	53,000	23.5
Midwest City	54,000	24.5
Muskogee	43,000	36.0
Broken Arrow	49,600	30.0
Moore	42,000	22.0
Edmond	48,600	94.0

*Major Industrial Centers
**1990 Data Unavailable

1990

FEATURE FACTS

In 1990 there were 71,438 reported traffic accidents involving 132,820 drivers.

39,052 persons were killed or injured in 25,116 accidents.

567 fatal accidents claimed the lives of 649 persons.

1.0% of all persons injured and 1.0% of all persons killed in traffic accidents were pedestrians.

The 1990 mileage death rate of 2.2 deaths per 100 million vehicle miles was the same as 1989.

Oklahoma had 2.0 traffic deaths per 10,000 motor vehicles registered.

Oklahoma had 20.6 traffic deaths per 100,000 population.

34.5% of all pedestrians killed were crossing between intersections.

66.1% of all persons killed were male.

60.0% of all drivers in accidents were male and 69.1% of all drivers in fatal accidents were male.

Fatalities decreased 1.1% from 1989 to 1990 and accidents showed a 6.0% increase.

66.4% of all accidents occurred in urban areas, but 63.4% of all traffic deaths occurred in rural areas.

Ratio of injured to killed is 59.2 to 1.

Of the 500 persons killed where seat belts were available, only 20.4% had them in use.

1990 TIME LINES

DAILY TRAFFIC ACCIDENT TOLL —

...195.72 accidents or 1 every 8.17 minutes.
...1.77 fatalities or 1 every 13.55 hours.
...105.22 injuries or 1 every 13.7 minutes.
...2.16 pedestrian accidents or 1 every 11.11 hours.
...Over 1.7 million dollars daily in economic losses.

MORE ACCIDENTS OCCURRED —

...between 4 and 5 p.m. than any other hour of the day.
...on Friday than any other day of the week.
...in May than any other month of the year.

MORE FATAL ACCIDENTS OCCURRED —

...between 07:00 and 08:00 p.m. than any other hour of the day.
...on Saturday than any other day of the week.
...in September than any other month of the year.

SEATBELT USAGE AMONG THE 649 FATALITY VICTIMS —

...112 were wearing seatbelts
...398 were not wearing seatbelts
...1 victim was in a child restriant device
...6 victims were not in a child restraint device
...25 -- no information
...107 -- not applicable. *This figure includes motorcyclists, pedestrians, and those victims whose vehicles were not equipped with seatbelts.*

Oklahoma Highway Patrol Citations

	TYPE OF TRAFFIC VIOLATION											
CALENDAR YEAR	ALCOHOL/ DRUGS	SPEED	RADAR	INSURANCE	DRIVER LICENSE	SEAT BELT	RECKLESS DRIVING	VEHICLE INSPECTION	FAILURE TO YIELD	STOP SIGN	OTHER OFFENSES	TOTAL CITATIONS
1988	12,595	26,533	72,624	16,228	15,140	4,494	5,691	8,307	1,446	2,019	29,099	194,176
1989	14,226	29,759	72,909	24,901	16,094	11,471	5,977	8,818	1,402	2,194	30,584	218,335
1990	16,347	30,579	72,804	25,488	17,229	15,046	6,868	15,046	1,531	2,013	25,822	228,773

3

**Prior to 1988 collection of data was in a format not compatible to programs now in effect, therefore the information contained elements that distort its value when compared to 1988 - 1990 statistics.*

TITLE 47 § 12-416
Oklahoma Mandatory Seat Belt Use Act - Effective February 1, 1987
No Law Enforcement Officer Shall Make Routine Stops To Enforce This Act.

TITLE 47 § 7-600
Compulsory Liability Insurance, Security, or Bond - Effective December 4, 1976 (Amended January 1, 1983)

TITLE 47 § 11-801c
RESTRICTIONS ON RECORDING OR ASSESSING POINTS FOR SPEED VIOLATIONS.--
The Oklahoma Department of Public Safety shall not record or assess points for traffic violations or convictions for traffic offenses on any licensee's traffic record as maintained by said Department, where such violation or conviction is for exceeding the speed limit specified in this act, but not exceeding the speed limit previously in force where the violation occurred. (Approved April 15, 1987)
Fines and court costs will be assessed for convictions and entered into the system for statistical purposes.

Contributing Causes of Statewide Accidents 1989 — 1990

CAUSE OF COLLISION	1989	1990	% Difference 1989 -1990 - / +%	Percentage of Total 1990
1. FAILED TO YIELD	12,968	13,204	+ 2%	18.54%
2. FOLLOWING TOO CLOSELY	7,553	7,735	+ 2%	10.7%
3. UNSAFE SPEED	9,130	8,967	- 2%	12.5%
4. IMPROPER TURN	6,814	7,755	+12%	10.8%
5. CHANGED LANES UNSAFELY	3,130	3,155	+ 1%	4.5%
6. STOPPED IN TRAFFIC LANE	99	118	+16%	.15%
7. FAILED TO STOP	4,832	5,874	+18%	8.2%
8. UNSAFE VEHICLE	1,061	1,280	+17%	1.8%
9. LEFT OF CENTER	1,513	1,347	-11%	1.9%
10. IMPROPER OVERTAKING	880	935	+ 6%	1.3%
11. IMPROPER PARKING	107	148	+23%	.3%
12. INATTENTION	6,471	5,937	- 8%	8.33%
13. WRONG WAY	91	86	- 6%	.13%
14. *DUI	*NOT SHOWN*	3,358	*N/A*	4.7%
15. PEDESTRIAN ACTION	452	461	+ 2%	.65%
16. OTHER	12,500	11,078	-11%	15.5%
TOTALS	67,836	71,438	+5.4%	100%

**NEW PROGRAM FOR COLLECTION OF DATA*

Contributing Causes of Municipal Accidents 1989 — 1990

CAUSE OF COLLISION	1989	1990	% Difference 1989 -1990 - / +%	Percentage of Total 1990
1. FAILED TO YIELD	11,397	11,662	+ 2%	21.8%
2. FOLLOWING TOO CLOSELY	6,637	6,716	+ 1%	12.5%
3. UNSAFE SPEED	3,624	3,806	+ 5%	7.1%
4. IMPROPER TURN	6,059	7,085	+15%	13.2%
5. CHANGED LANES UNSAFELY	2,395	2,425	+ 1%	4.5%
6. STOPPED IN TRAFFIC LANE	81	99	+18%	.1%
7. FAILED TO STOP	4,495	5,577	+20%	10.5%
8. UNSAFE VEHICLE	687	726	+ 5%	1.4%
9. LEFT OF CENTER	730	634	-13%	1.2%
10. IMPROPER OVERTAKING	547	607	+10%	1.1%
11. IMPROPER PARKING	102	147	+31%	.3%
12. INATTENTION	3,782	3,289	-14%	6.1%
13. WRONG WAY	66	70	+ 6%	.1%
14. *DUI	*NOT SHOWN*	1,847	*N/A*	3.5%
15. PEDESTRIAN ACTION	381	401	+ 5%	.8%
16. OTHER	9,543	8,460	-11%	15.8%
TOTALS	50,526	53,531	+ 6%	100%

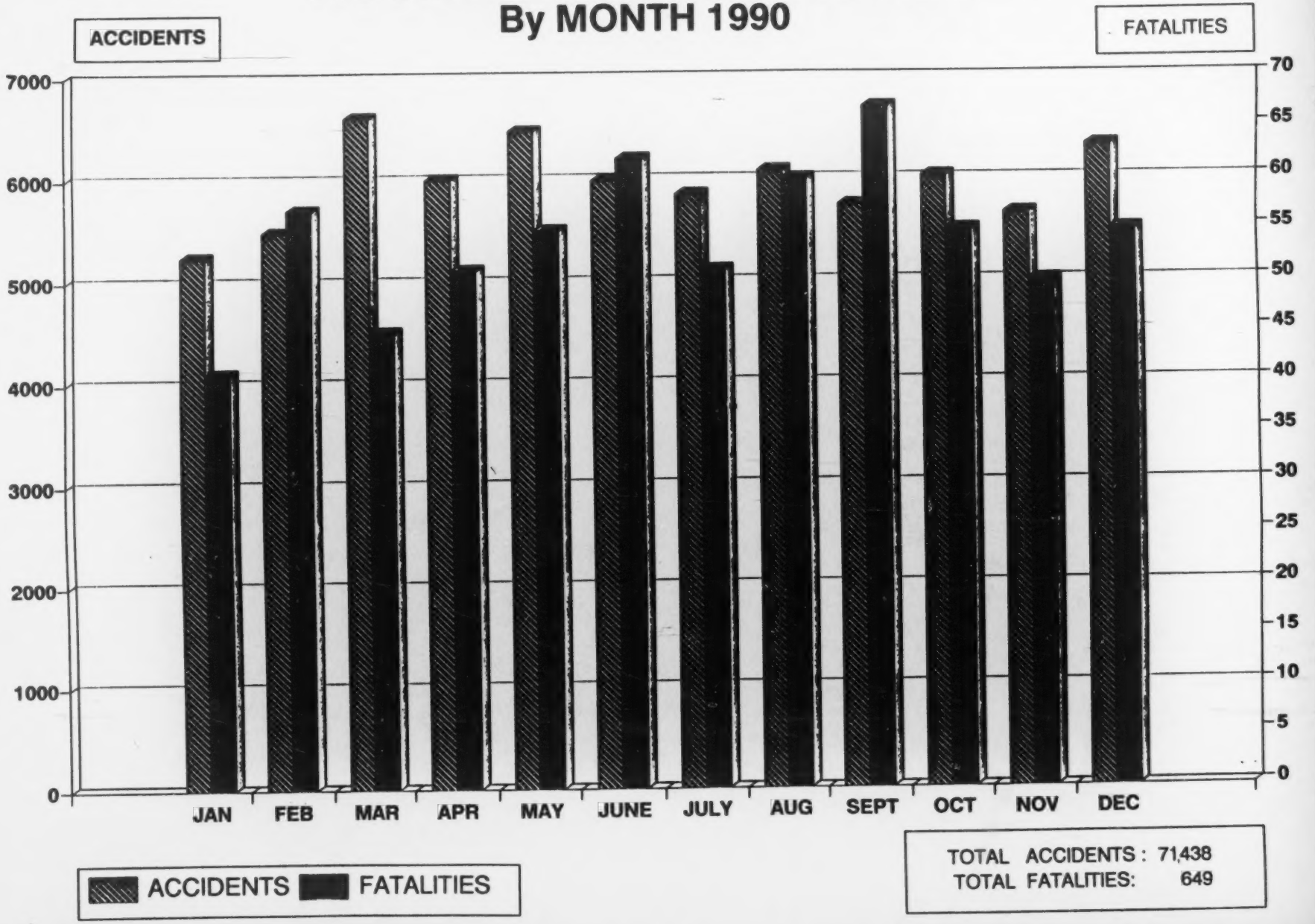
**NEW PROGRAM FOR COLLECTION OF DATA*

Contributing Causes of Rural Accidents 1989 — 1990

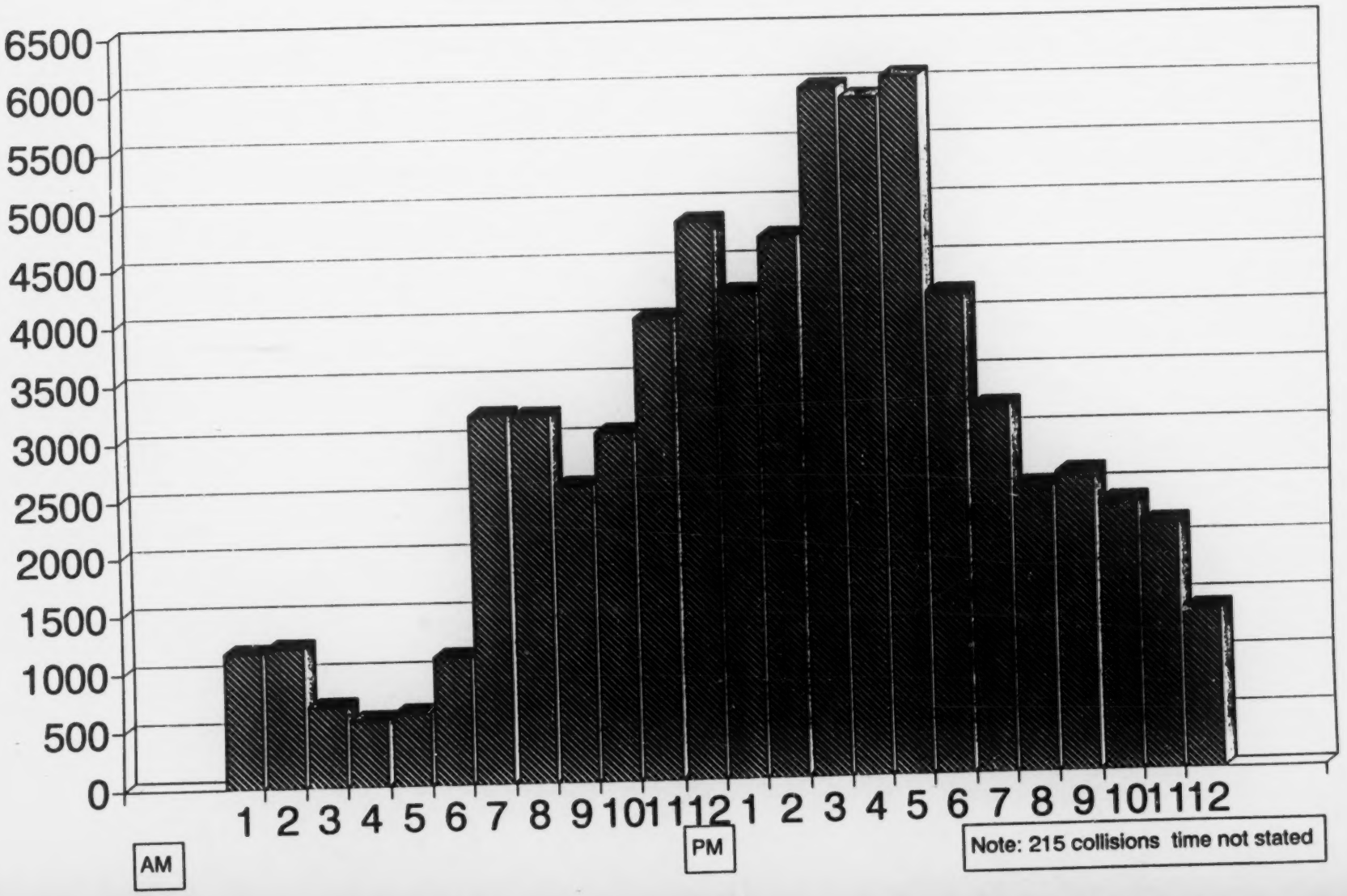
CAUSE OF COLLISION	1989	1990	% Difference 1989 -1990 - / +%	Percentage of Total 1990
1. FAILED TO YIELD	1,571	1,542	- 2%	8.6%
2. FOLLOWING TOO CLOSELY	916	1,019	+10%	5.7%
3. UNSAFE SPEED	5,506	5,161	- 6%	28.8%
4. IMPROPER TURN	755	670	-11%	3.8%
5. CHANGED LANES UNSAFELY	735	703	- 4%	3.9%
6. STOPPED IN TRAFFIC LANE	18	19	+ 5%	0.1%
7. FAILED TO STOP	337	297	-12%	1.7%
8. UNSAFE VEHICLE	609	554	- 9%	3.1%
9. LEFT OF CENTER	783	713	-10%	4.0%
10. IMPROPER OVERTAKING	333	328	- 2%	1.9%
11. IMPROPER PARKING	5	1	-80%	.01%
12. INATTENTION	2,689	2,668	- 1%	14.9%
13. WRONG WAY	25	16	-36%	.09%
14. *DUI	*NOT SHOWN*	1,511	*N/A*	8.4%
15. PEDESTRIAN ACTION	71	60	-15%	0.3%
16. OTHER	2,957	2,618	-12%	14.7%
TOTALS	17,310	17,880	+ 3%	100%

**NEW PROGRAM FOR COLLECTION OF DATA*

ACCIDENTS and FATALITIES
By MONTH 1990

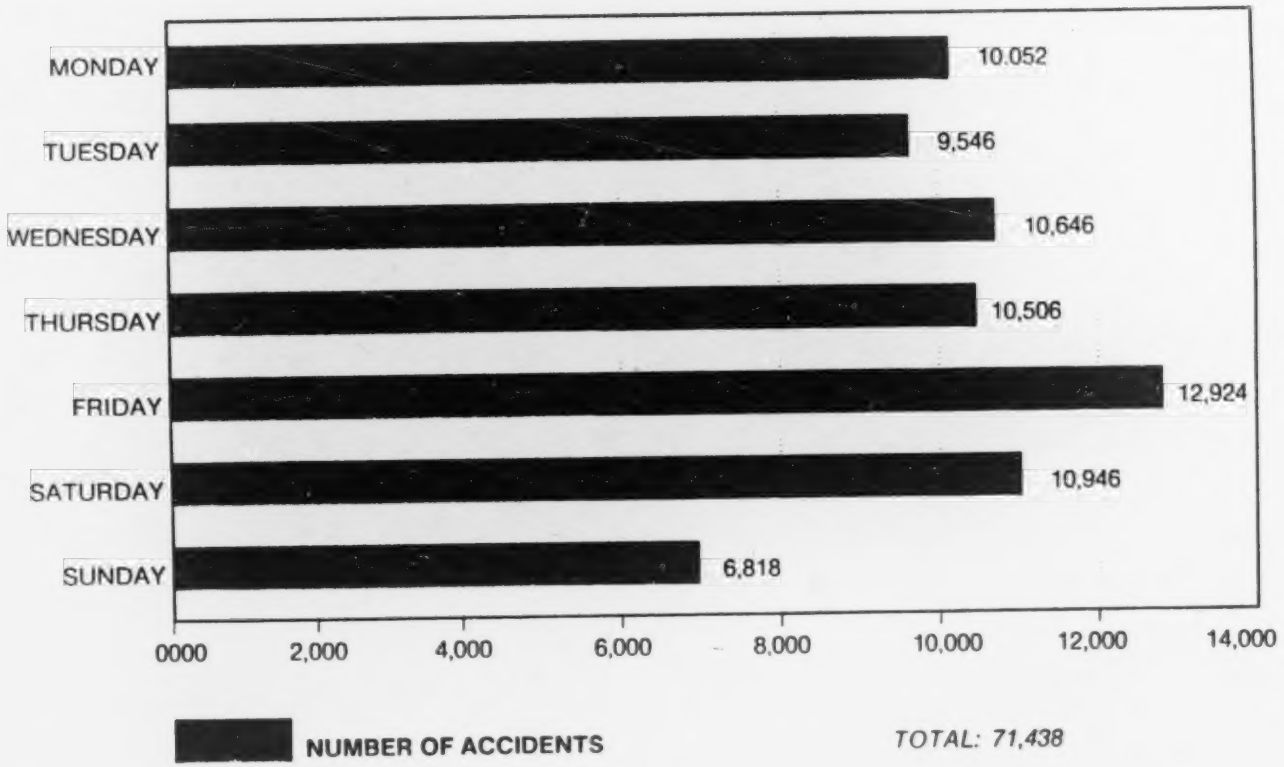


1990 ACCIDENTS
TIME OF DAY



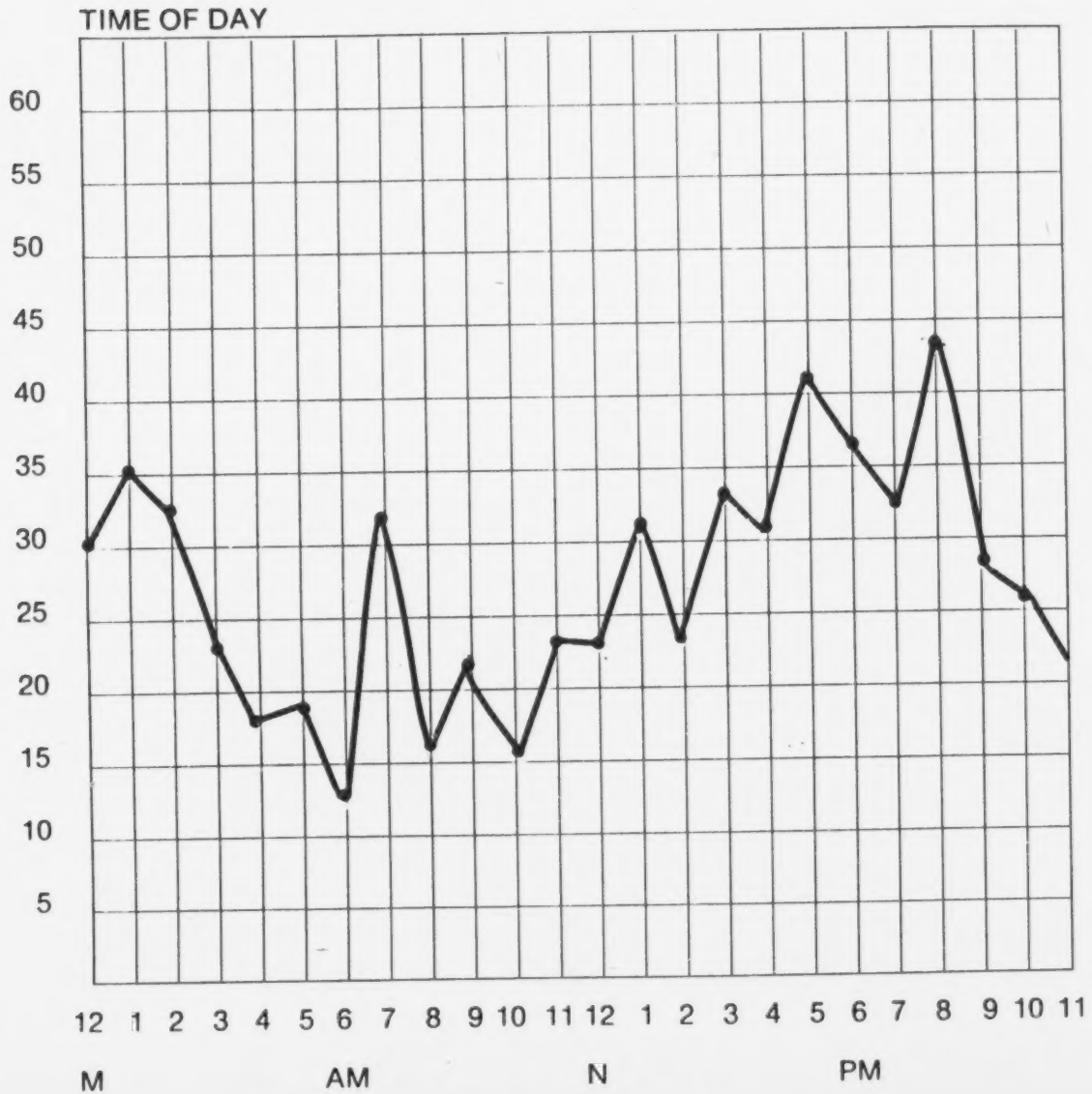
1990 ACCIDENTS

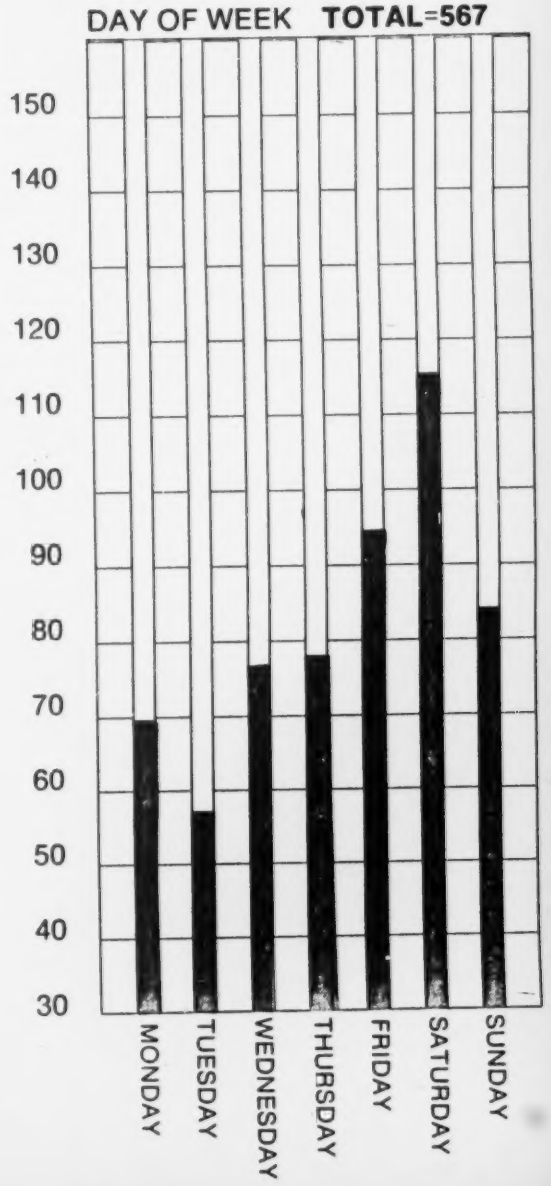
DAY OF WEEK



TOTAL: 71,438

1990 FATALITIES BY TIME OF DAY — FATAL ACCIDENTS BY DAY OF WEEK





HOLIDAY TRAFFIC FATALITIES

1990 HOLIDAY	Beginning 6 P.M.	Ending Midnight	Number of Days	Total Hours	FATALITIES		
					1989	1990	% Increase/ Decrease
NEW YEAR	Friday Dec. 29,1989	Monday Jan. 1,1990	3	78	4	4	-0-%
MEMORIAL DAY	Friday May 25, 1990	Monday May 28, 1990	3	78	10	14	+29%
JULY 4TH	Tuesday July 3, 1990	Wednesday July 4, 1990	3	30	3	3	-0-%
LABOR DAY	Friday Aug. 31, 1990	Monday Sept. 3, 1990	3	78	9	12	+25%
THANKSGIVING	Wednesday Nov. 21, 1990	Sunday Nov. 25, 1990	4	102	13	6	-54%
CHRISTMAS	Friday Dec. 21, 1990	Monday Dec. 25, 1990	4	102	6	4	-33%

HOLIDAY TRAFFIC FATALITIES 1976 — 1990

HOLIDAY	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
NEW YEAR	9	7	14	3	18	10	10	11	4	1	1	5	2	4	4
MEMORIAL DAY	4	6	9	13	12	11	10	12	4	8	10	5	12	10	14
JULY 4TH	11	4	9	7	14	10	8	16	1	0	10	6	2	3	3
LABOR DAY	17	8	9	12	12	7	7	20	13	11	10	5	7	9	12
THANKSGIVING	7	7	12	9	12	11	8	7	13	21	5	9	7	13	6
CHRISTMAS	4	7	4	14	13	9	3	5	6	2	5	11	4	6	4

MOTOR VEHICLE TRAFFIC
DEATHLESS DAY CALENDAR
1990

JANUARY

SUN	MON	TUE	WED	THU	FRI	SAT
	1 1	2 1	3 1	4 ★	5 1	6 ★
7 4	8 1	9 1	10 ★	11 1	12 1	13 6
14 ★	15 1	16 2	17 4	18 ★	19 4	20 2
21 ★	22 1	23 ★	24 ★	25 ★	26 1	27 1
28 ★	29 2	30 ★	31 1			

FEBRUARY

SUN	MON	TUE	WED	THU	FRI	SAT
				1 2	2 7	3 3
4 2	5 1	6 1	7 1	8 ★	9 3	10 ★
11 3	12 5	13 1	14 2	15 2	16 3	17 ★
18 2	19 3	20 1	21 2	22 4	23 1	24 5
25 ★	26 ★	27 ★	28 2			

MARCH

SUN	MON	TUE	WED	THU	FRI	SAT
				1 2	2 2	3 1
4 1	5 ★	6 3	7 1	8 1	9 3	10 ★
11 3	12 1	13 ★	14 2	15 1	16 ★	17 ★
18 2	19 1	20 1	21 ★	22 2	23 1	24 7
25 1	26 1	27 1	28 1	29 2	30 2	31 1

APRIL

SUN	MON	TUE	WED	THU	FRI	SAT
1 ★	2 ★	3 ★	4 ★	5 ★	6 ★	7 2
8 1	9 4	10 ★	11 4	12 ★	13 2	14 3
15 2	16 2	17 ★	18 1	19 ★	20 1	21 4
22 4	23 1	24 3	25 4	26 2	27 ★	28 3
29 5	30 ★					

MAY

SUN	MON	TUE	WED	THU	FRI	SAT
		1 ★	2 ★	3 4	4 1	5 1
6 3	7 1	8 ★	9 1	10 ★	11 2	12 4
13 ★	14 ★	15 2	16 1	17 ★	18 4	19 ★
20 1	21 2	22 1	23 ★	24 2	25 1	26 2
27 7	28 5	29 2	30 3	31 ★		

JUNE

SUN	MON	TUE	WED	THU	FRI	SAT
					1 1	2 3
3 4	4 3	5 ★	6 1	7 1	8 6	9 5
10 1	11 ★	12 1	13 3	14 1	15 2	16 1
17 1	18 2	19 3	20 1	21 3	22 1	23 3
24 ★	25 ★	26 2	27 2	28 1	29 2	30 1

JULY

SUN	MON	TUE	WED	THU	FRI	SAT
1 2	2 2	3 ★	4 3	5 4	6 1	7 ★
8 ★	9 1	10 1	11 2	12 4	13 4	14 2
15 3	16 ★	17 ★	18 1	19 4	20 2	21 3
22 ★	23 1	24 ★	25 1	26 ★	27 1	28 3
29 2	30 ★	31 1				

AUGUST

SUN	MON	TUE	WED	THU	FRI	SAT
			1 2	2 1	3 4	4 2
5 2	6 ★	7 1	8 2	9 ★	10 ★	11 6
12 ★	13 1	14 1	15 4	16 1	17 1	18 2
19 5	20 ★	21 ★	22 1	23 5	24 ★	25 6
26 1	27 3	28 1	29 1	30 1	31 1	

SEPTEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
						1 3
2 2	3 7	4 1	5 1	6 2	7 4	8 3
9 1	10 ★	11 2	12 2	13 ★	14 1	15 3
16 ★	17 ★	18 2	19 4	20 3	21 ★	22 4
23 3	24 1	25 1	26 ★	27 2	28 6	29 4
30 2						

OCTOBER

SUN	MON	TUE	WED	THU	FRI	SAT
	1 4	2 2	3 2	4 2	5 5	6 2
7 4	8 3	9 ★	10 3	11 2	12 1	13 2
14 ★	15 ★	16 ★	17 1	18 1	19 3	20 1
21 3	22 1	23 2	24 1	25 ★	26 1	27 4
28 1	29 1	30 ★	31 ★			

NOVEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
				1 2	2 2	3 5
4 1	5 2	6 2	7 1	8 2	9 2	10 2
11 ★	12 2	13 7	14 1	15 ★	16 1	17 ★
18 1	19 1	20 ★	21 3	22 ★	23 ★	24 4
25 1	26 ★	27 ★	28 1	29 2	30 3	

DECEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
						1 4
2 2	3 ★	4 2	5 ★	6 1	7 4	8 2
9 5	10 1	11 6	12 ★	13 ★	14 1	15 2
16 ★	17 1	18 1	19 ★	20 5	21 1	22 ★
23 1	24 2	25 ★	26 1	27 ★	28 ★	29 4
30 1	31 3					

FATALITIES 10 | 1 DATE

★ DEATHLESS DAYS

TRAFFIC DEATHS IN OKLAHOMA BY COUNTY 1986 — 1990

COUNTY	1986	1987	1988	1989	1990
ADAIR	3	7	11	4	5
ALFALFA	4	-0-	3	1	-0-
ATOKA	7	2	4	6	3
BEAVER	5	5	1	3	2
BECKHAM	5	7	11	11	12
BLAINE	3	2	12	1	4
BRYAN	14	6	10	11	11
CADDO	10	17	7	6	7
CANADIAN	18	16	11	13	9
CARTER	13	11	5	8	7
CHEROKEE	9	8	11	11	12
CHOCTAW	6	8	3	3	4
CIMARRON	1	4	1	2	1
CLEVELAND	37	21	17	17	15
COAL	1	1	-0-	1	7
COMANCHE	16	10	17	15	18
COTTON	-0-	1	1	3	3
CRAIG	5	4	5	3	6
CREEK	12	14	18	8	10
CUSTER	2	9	10	3	7
DELAWARE	10	15	9	12	11
DEWEY	4	1	1	5	4
ELLIS	2	1	1	2	6
GARFIELD	11	16	4	10	-0-
GARVIN	6	9	6	15	7
GRADY	17	11	10	9	9
GRANT	2	1	2	1	1
GREER	2	-0-	-0-	-0-	1
HARMON	-0-	2	-0-	-0-	2
HARPER	1	1	2	-0-	-0-
HASKELL	1	-0-	5	5	3
HUGHES	-0-	1	-0-	4	5
JACKSON	9	4	5	1	6
JEFFERSON	2	3	4	-0-	2
JOHNSTON	2	-0-	3	2	5
KAY	5	7	8	12	10
KINGFISHER	7	2	1	3	1
KIOWA	2	-0-	6	5	4
LATIMER	1	2	12	8	5
LEFLORE	18	12	17	22	14

COUNTY	1986	1987	1988	1989	1990
LINCOLN	11	7	9	9	10
LOGAN	10	4	5	5	4
LOVE	4	4	-0-	3	1
McCLAIN	7	6	14	13	9
McCURTAIN	12	14	18	11	12
McINTOSH	-0-	3	5	6	4
MAJOR	6	3	2	2	-0-
MARSHALL	4	4	4	1	5
MAYES	10	14	8	15	18
MURRAY	5	10	6	3	3
MUSKOGEE	28	10	6	12	22
NOBLE	9	1	3	5	6
NOWATA	1	4	6	6	3
OKFUSKEE	5	1	1	2	3
OKLAHOMA	77	74	94	78	62
OKMULGEE	9	11	6	7	11
OSAGE	11	5	7	10	13
OTTAWA	11	18	15	7	12
PAWNEE	2	-0-	4	3	3
PAYNE	10	12	10	13	12
PITTSBURG	10	17	8	5	10
PONTOTOC	7	-0-	9	10	8
POTTAWATOMIE	16	9	18	22	8
PUSHMATAHA	3	1	4	1	4
ROGER MILLS	3	-0-	1	3	2
ROGERS	25	10	14	19	19
SEMINOLE	8	6	5	8	21
SEQUOYAH	9	9	8	10	10
STEPHENS	5	5	2	4	7
TEXAS	11	8	7	13	3
TILLMAN	-0-	5	2	4	4
TULSA	72	57	55	72	68
WAGONER	10	23	16	16	9
WASHINGTON	13	6	9	4	9
WASHITA	5	-0-	4	3	5
WOODS	1	3	2	2	2
WOODWARD	8	5	4	3	9
TOTAL	711	611	643	656	649

NUMBER OF PERSONS KILLED BY HIGHWAY CLASS 1990

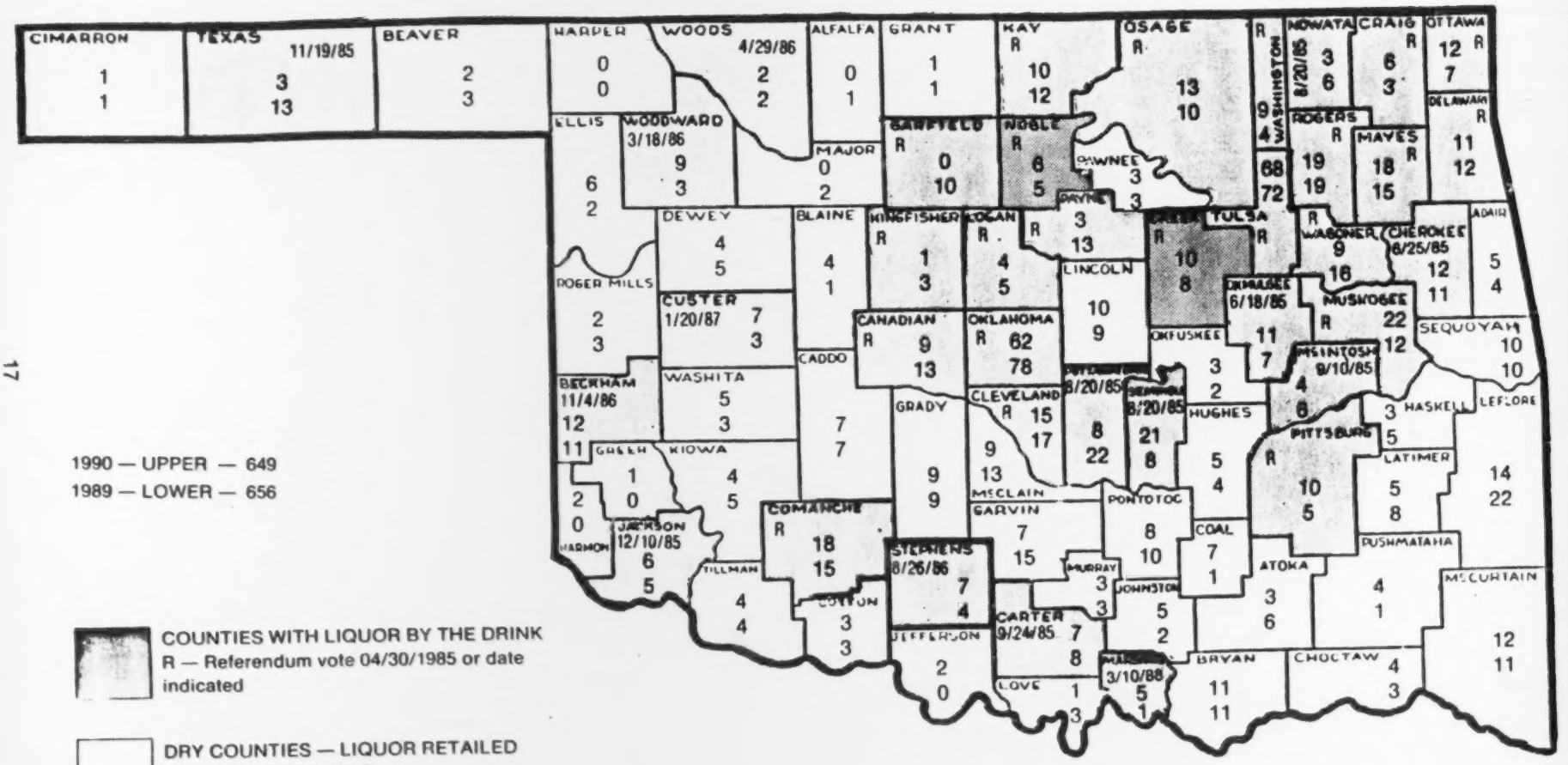
COUNTY	US	IS	TP	SH	CR	CITY	TOTAL
ADAIR	3			1	1		5
ALFALFA							-0-
ATOKA	2				1		3
BEAVER	1				1		2
BECKHAM	1	5			4	2	12
BLAINE	2				2		4
BRYAN	8			1	2		11
CADDO				5	1	1	7
CANADIAN	1	1		1	1	5	9
CARTER	1	2		2	1	1	7
CHEROKEE	2			3	7		12
CHOCTAW	4						4
CIMARRON					1		1
CLEVELAND	3	4		3		5	15
COAL	3			2	2		7
COMANCHE	4	2		1	5	6	18
COTTON		1		2			3
CRAIG			4		2		6
CREEK			4	4	2		10
CUSTER	1	1		3	2		7
DELAWARE	7			1	3		11
DEWEY	3			1			4
ELLIS	4			1	1		6
GARFIELD							-0-
GARVIN	1	1		2	3		7
GRADY	1		2	2	4		9
GRANT	1						1
GREER	1						1
HARMON	1			1			2
HARPER							-0-
HASKELL				2	1		3
HUGHES	1				4		5
JACKSON	3			1	1	1	6
JEFFERSON	1				1		2
JOHNSTON	1			4			5
KAY		1		3	3	3	10
KINGFISHER				1			1
KIOWA					4		4
LATIMER	3			1	1		5
LEFLORE	6			5	3		14

COUNTY	US	IS	TP	SH	CR	CITY	TOTAL
LINCOLN	2		2	3	3		10
LOGAN		1		3			4
LOVE		1					1
McCLAIN	2	5		2			9
McCURTAIN	5			2	5		12
McINTOSH		1		2		1	4
MAJOR							-0-
MARSHALL	5						5
MAYES	1		4	2	9	2	18
MURRAY	1			1	1		3
MUSKOGEE	11			2	5	4	22
NOBLE	3	3					6
NOWATA	3						3
OKFUSKEE		2		1			3
OKLAHOMA		19		1		42	62
OKMULGEE	6			1	1	2	11
OSAGE	1			4	8		13
OTTAWA	4		3	2	3		12
PAWNEE	2			1			3
PAYNE	1	3		7	1		12
PITTSBURG	6				2	2	10
PONTOTOC	4			4			8
POTTAWATOMIE	3	1			1	3	8
PUSHMATAHA	3			1			4
ROGER MILLS	2						2
ROGERS	4	5	4	3	3		19
SEMINOLE	6	3		6	4	2	21
SEQUOYAH	2	3		3	2		10
STEPHENS	2				3	2	7
TEXAS	1				1	1	3
TILLMAN	2			1	1		4
TULSA	7	5			14	42	68
WAGONER	2		1	5		1	9
WASHINGTON	6			1	1	1	9
WASHITA				3	1	1	5
WOODS	1				1		2
WOODWARD	3			3	3		9
TOTAL	171	70	24	118	136	130	649

NUMBER OF PERSONS INJURED BY HIGHWAY CLASS 1990

COUNTY	US	IS	TP	SH	CR	CITY	TOTAL
ADAIR	95			21	37	16	169
ALFALFA	2			15	6	12	35
ATOKA	66		2	45	42	9	164
BEAVER	20			5	9	1	35
BECKHAM	5	70		27	18	104	224
BLAINE	16			25	34	14	89
BRYAN	170			50	92	52	364
CADDO	47	19	1	48	80	28	223
CANADIAN	34	82		87	29	406	638
CARTER	50	18		72	47	345	532
CHEROKEE	105			114	100	110	429
CHOCTAW	57		2	5	23	26	113
CIMARRON	17			3	2		22
CLEVELAND	34	115		117	54	1,346	1,666
COAL	10			10	7	3	30
COMANCHE	60	31	1	35	91	753	971
COTTON	4	12	13	11	5	3	48
CRAIG	35		23	10	39	11	118
CREEK	10		41	168	120	170	509
CUSTER	19	87		29	36	138	309
DELAWARE	127			118	51	26	322
DEWEY	22			10	15	5	52
ELLIS	9			2	16		27
GARFIELD	54			21	58	567	700
GARVIN	16	54		95	77	49	291
GRADY	127		41	68	72	112	420
GRANT	17			11	2		30
GREER	9			3	13	6	31
HARMON	3			4	7	9	23
HARPER	7				8	2	17
HASKELL				44	17	15	76
HUGHES	21			29	23	20	93
JACKSON	86			14	38	76	214
JEFFERSON	17			24	10	9	60
JOHNSTON	12			67	29	14	122
KAY	99	27		32	135	289	582
KINGFISHER	40			23	33	16	112
KIOWA	19			25	22	20	86
LATIMER	32			31	21	6	90
LEFLORE	91			61	76	117	345
LINCOLN	63		40	56	74	28	261
LOGAN	16	35		75	90	54	270
LOVE	12	43		19	18	12	104
McCLAIN	61	73	10	124	37	37	342
McCURTAIN	124			84	84	107	399
McINTOSH	40	27	19	13	26	34	159
MAJOR	23			8	13	18	62
MARSHALL	44			24	40	6	114
MAYES	100		23	80	91	66	360
MURRAY	15	13		45	49	37	159
MUSKOGEE	190	10	8	58	105	565	936
NOBLE	36	40	5	5	16	22	124
NOWATA	44			3	14	24	85
OKFUSKEE	5	23		17	14	14	73
OKLAHOMA	27	1,497	18	61	107	8,993	10,703
OKMULGEE	88	7	1	25	70	174	365
OSAGE	33			81	105	58	277
OTTAWA	71		61	67	53	100	352
PAWNEE	42		17	10	46	21	136
PAYNE	99	32	7	161	74	322	695
PITTSBURG	125		14	42	70	127	378
PONTOTOC	49			77	84	91	301
POTTAWATOMIE	55	67		91	72	320	605
PUSHMATAHA	18		4	30	27		79
ROGER MILLS	17			7	10	2	36
ROGERS	49	15	40	210	157	98	569
SEMINOLE	64	21		65	77	51	278
SEQUOYAH	53	35		38	39	36	201
STEPHENS	60			45	95	82	282
TEXAS	43			10	18	38	109
TILLMAN	18			14	36	22	90
TULSA	384	385		207	443	6,558	7,977
WAGONER	38		36	127	153	85	439
WASHINGTON	109			13	45	328	495
WASHITA	4	12		17	31	12	76
WOODS	1				17	31	49
WOODWARD	3			16	30	34	83
TOTAL	3,887	2,850	427	3,604	4,124	23,512	38,404

1989 — 1990 FATALITY COMPARISON

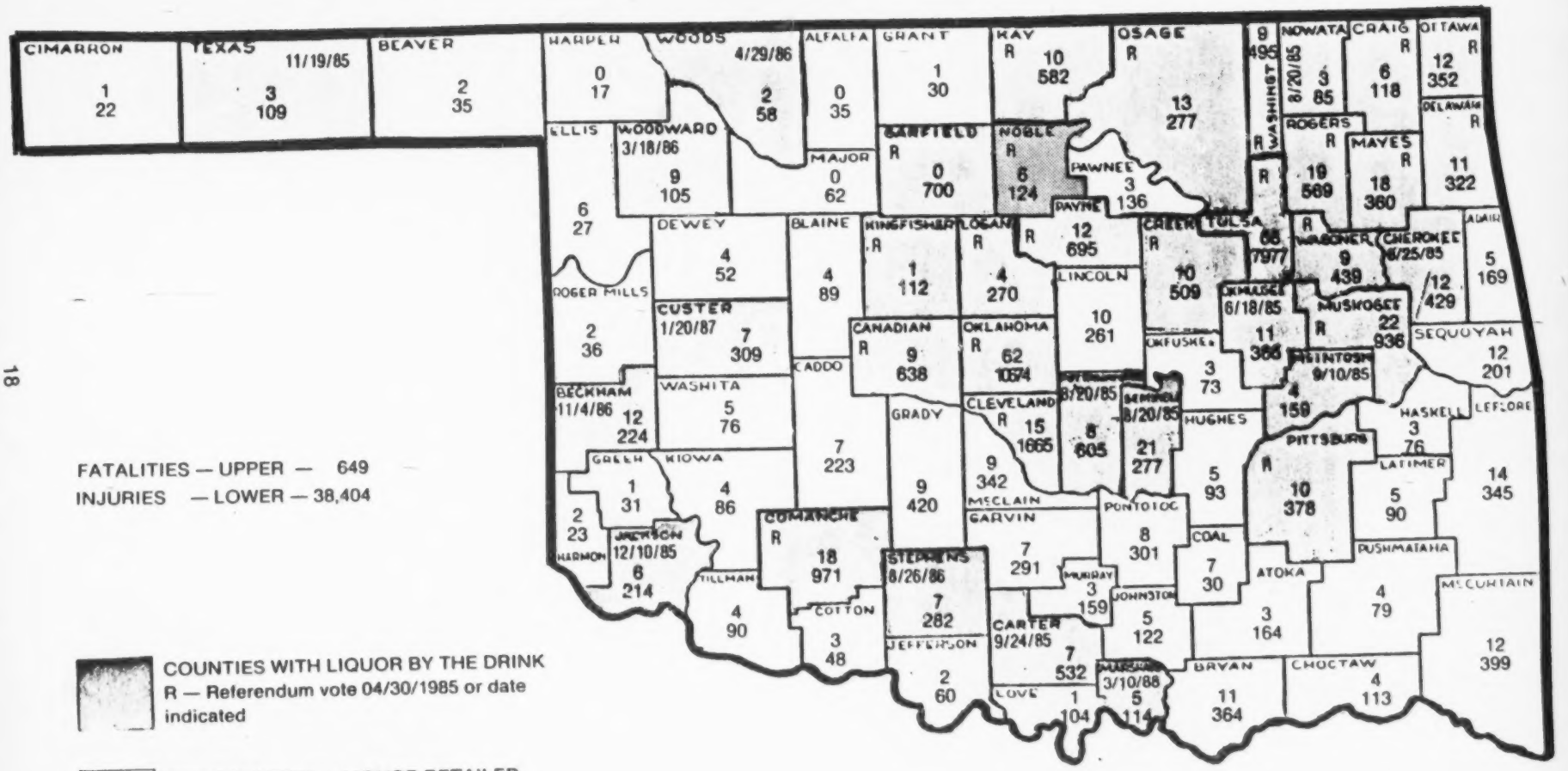


1990 — UPPER — 649
1989 — LOWER — 656

COUNTIES WITH LIQUOR BY THE DRINK
R — Referendum vote 04/30/1985 or date indicated

DRY COUNTIES — LIQUOR RETAILED AT PACKAGE STORES

1990 FATALITIES — INJURIES

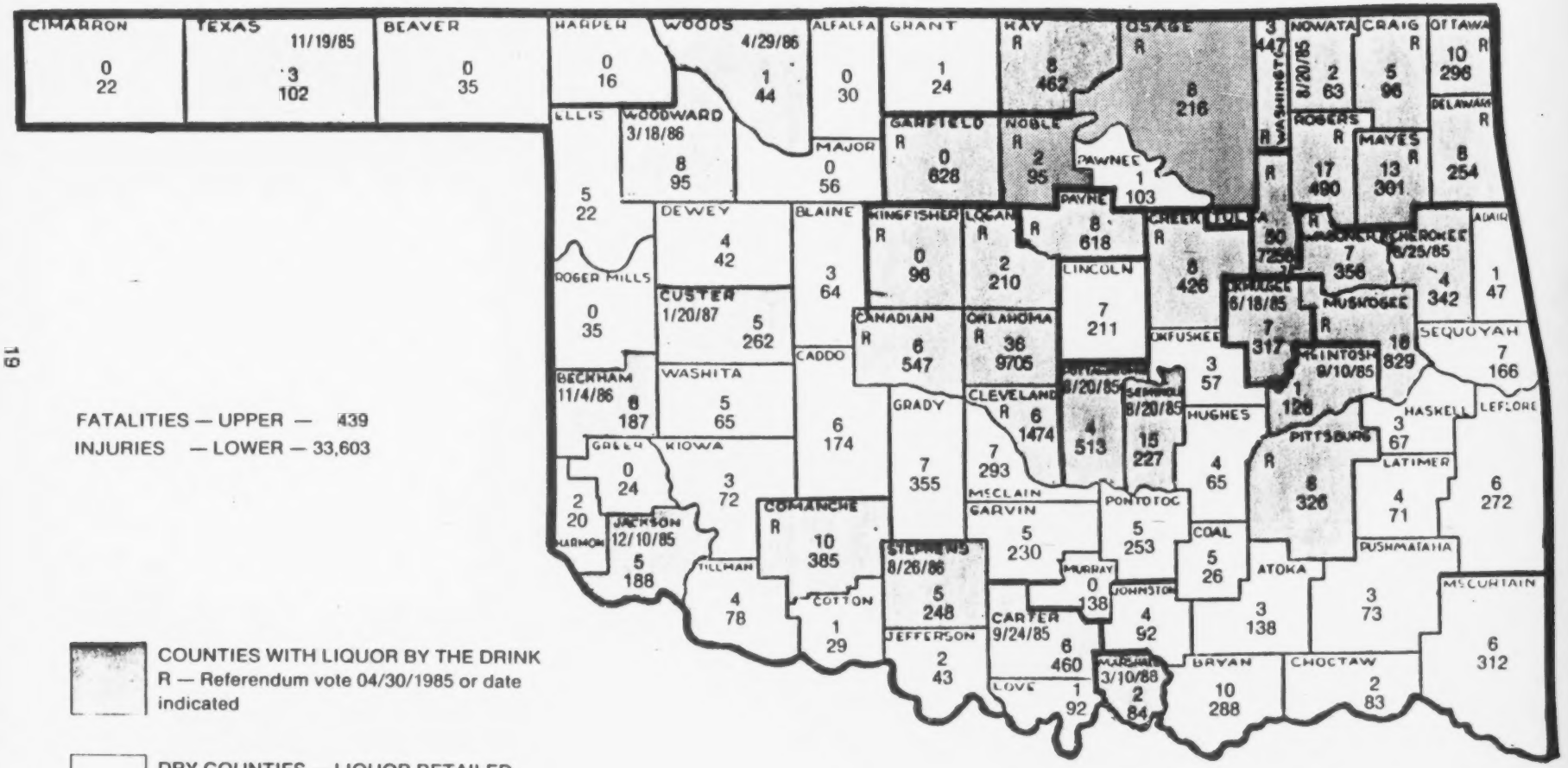


FATALITIES — UPPER — 649
INJURIES — LOWER — 38,404

COUNTIES WITH LIQUOR BY THE DRINK
R — Referendum vote 04/30/1985 or date indicated

DRY COUNTIES — LIQUOR RETAILED AT PACKAGE STORES

1990 NON DRINKING FATALITIES — INJURIES

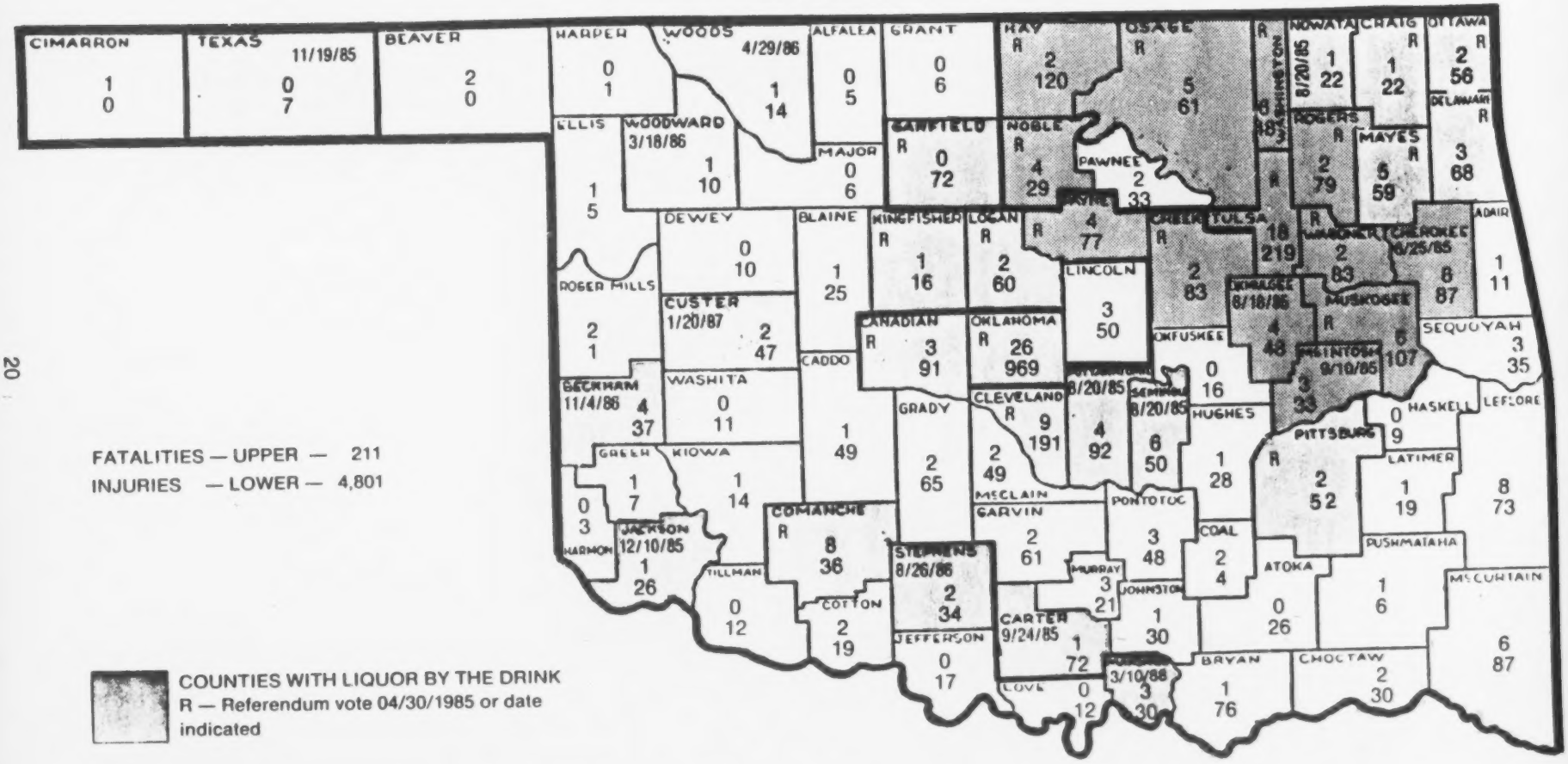


FATALITIES — UPPER — 439
INJURIES — LOWER — 33,603

COUNTIES WITH LIQUOR BY THE DRINK
R — Referendum vote 04/30/1985 or date indicated

DRY COUNTIES — LIQUOR RETAILED AT PACKAGE STORES

DRINKING INVOLVED FATALITIES — INJURIES BY COUNTY
1990



FATALITIES — UPPER — 211
INJURIES — LOWER — 4,801

COUNTIES WITH LIQUOR BY THE DRINK
R — Referendum vote 04/30/1985 or date indicated

DRY COUNTIES — LIQUOR RETAILED AT PACKAGE STORES

1990 DRINKING-INVOLVED COLLISIONS BY AGE/SEX OF DRIVER AND SEVERITY/NUMBER OF VEHICLES

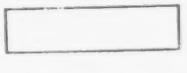
DRIVER AGE	SEX	1 MOTOR VEHICLE		2 OR MORE MOTOR VEHICLES	
		FATAL	INJURY	FATAL	INJURY
UNKNOWN		-0-	6	-0-	23
14 - 15	M	-0-	6	-0-	5
	F	-0-	2	-0-	1
16 - 17	M	3	71	1	26
	F	1	20	-0-	6
18 -20	M	19	227	6	103
	F	1	38	-0-	22
21 - 24	M	17	249	11	135
	F	1	46	4	41
25 - 34	M	30	421	21	334
	F	3	129	7	93
35 - 50	M	18	232	16	275
	F	14	63	-0-	58
OVER 50	M	11	111	7	136
	F	-0-	19	1	30
TOTAL	M	98	1,323	62	1,037
	F	20	317	12	251
TOTAL DRIVERS		118	1,640	74	1,288

TOTALS DRINKING-INVOLVED FATALITIES: 211 DRINKING-INVOLVED INJURIES: 4,801

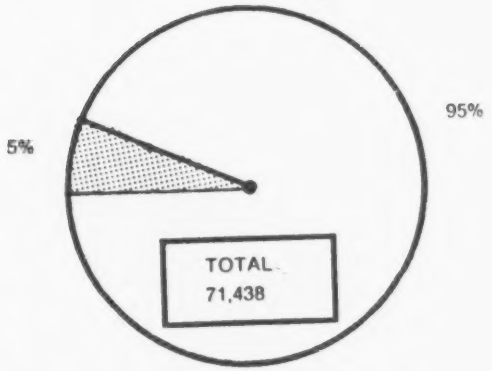
UNSAFE SPEED AND ALCOHOL-RELATED ACCIDENTS *(PRIMARY DRIVERS ONLY)* **1990**

COUNTY	UNSAFE SPEED			ALCOHOL RELATED		
	DRIVERS INVOLVED	TOTAL INJURED	TOTAL KILLED	DRIVERS INVOLVED	TOTAL INJURED	TOTAL KILLED
ADAIR	57	41	2	31	21	1
ALFALFA	8	4	-0-	8	3	-0-
ATOKA	34	38	-0-	18	12	-0-
BEAVER	25	13	1	4	-0-	1
BECKHAM	61	45	3	23	19	3
BLAINE	32	34	2	22	25	1
BRYAN	89	65	2	57	45	2
CADDO	70	61	2	37	42	1
CANADIAN	119	80	4	66	55	2
CARTER	107	61	2	76	36	1
CHEROKEE	116	90	5	66	58	6
CHOCTAW	31	19	2	21	20	2
CIMARRON	14	5	-0-	-0-	-0-	-0-
CLEVELAND	358	203	3	123	86	4
COAL	10	6	1	7	3	1
COMANCHE	158	71	4	100	63	6
COTTON	21	11	1	12	19	2
CRAIG	52	39	4	22	15	1
CREEK	162	108	2	57	42	1
CUSTER	82	53	3	31	36	2
DELAWARE	95	82	3	52	38	-0-
DEWEY	19	17	1	9	9	-0-
ELLIS	8	6	-0-	4	5	1
GARFIELD	110	82	-0-	62	44	-0-
GARVIN	101	54	2	39	40	-0-
GRADY	98	105	3	46	45	3
GRANT	13	5	-0-	6	6	-0-
GREER	12	7	-0-	8	6	1
HARMON	4	5	-0-	3	3	-0-
HARPER	10	2	-0-	4	1	-0-
HASKELL	13	12	3	10	9	-0-
HUGHES	31	23	1	16	16	-0-
JACKSON	51	38	2	30	16	1
JEFFERSON	16	10	1	13	15	-0-
JOHNSTON	47	37	1	24	33	1
KAY	96	106	2	71	87	3
KINGFISHER	24	18	-0-	12	8	-0-
KIOWA	20	14	-0-	15	11	-0-
LATIMER	46	29	1	27	19	2
LEFLORE	82	67	3	58	37	6
LINCOLN	67	62	4	35	36	2
LOGAN	51	51	-0-	45	40	1
LOVE	42	32	-0-	14	10	-0-
McCLAIN	101	93	1	45	36	2
McCURTAIN	110	77	2	72	51	3
McINTOSH	56	54	-0-	32	24	2
MAJOR	14	9	-0-	5	4	-0-
MARSHALL	34	26	-0-	20	25	1
MAYES	85	86	7	45	38	4
MURRAY	49	35	2	19	18	3
MUSKOGEE	141	94	4	78	69	4
NOBLE	39	28	2	22	20	-0-
NOWATA	23	10	1	13	15	-0-
OKFUSKEE	15	21	-0-	12	11	-0-
OKLAHOMA	1,971	1,218	14	476	339	7
OKMULGEE	72	58	2	37	29	1
OSAGE	80	75	3	48	48	5
OTTAWA	103	78	1	62	36	2
PAWNEE	43	34	1	20	24	1
PAYNE	114	68	3	56	43	3
PITTSBURG	102	67	2	52	34	1
PONTOTOC	69	44	2	24	24	1
POTTAWATOMIE	99	96	2	59	64	2
PUSHMATAHA	26	23	3	7	5	1
ROGER MILLS	9	3	2	6	1	2
ROGERS	127	127	6	58	54	2
SEMINOLE	70	56	2	42	40	7
SEQUOYAH	77	44	1	49	29	3
STEPHENS	36	40	1	22	23	2
TEXAS	3	10	-0-	6	-0-	-0-
TILLMAN	19	5	-0-	13	6	-0-
TULSA	1,534	968	12	439	307	7
WAGONER	112	90	-0-	60	41	2
WASHINGTON	121	69	1	42	34	3
WASHITA	27	17	-0-	15	7	-0-
WOODS	10	7	1	5	5	1
WOODWARD	34	23	4	13	8	1
TOTAL	8,821	5,671	154	3,360	2,646	132

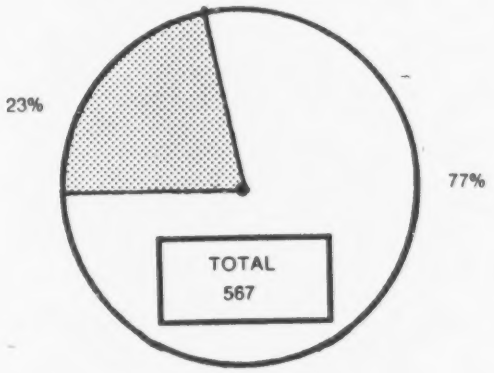
1990 *STATEWIDE* CONDITION OF DRIVERS INVOLVED IN:

DRINKING NON DRINKING & UNKNOWN 

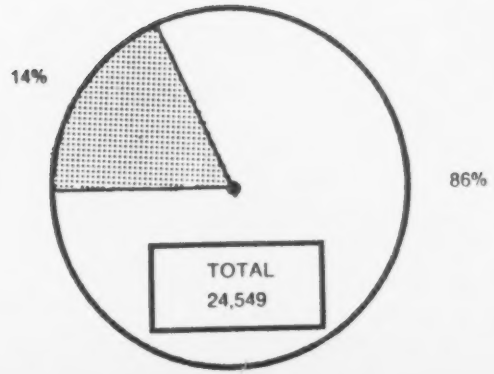
TOTAL ACCIDENTS



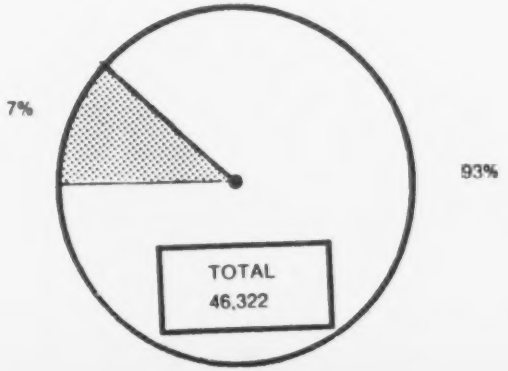
FATAL ACCIDENTS



INJURY ACCIDENTS



PROPERTY DAMAGE ACCIDENTS



LICENSES IN FORCE - 1990

LICENSES BY AGE GROUP

	OPERATOR			CLASS D			CHAUFFEUR			C D L			TOTAL
AGE	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	DRIVERS
14-15	3,042	1,798	4,840	3,430	3,187	6,617							11,457
16	16,283	14,752	31,035	1,539	1,347	2,886	1		1				33,922
17	19,595	17,682	37,277	702	622	1,324							38,601
18	21,847	19,975	41,822	691	742	1,433	178	7	185	4		4	43,444
19	23,152	21,591	44,743	1,368	1,493	2,861	635	33	668	6		6	48,278
20	21,609	20,867	42,476	1,271	1,397	2,668	1,176	76	1,252	8	2	10	46,406
21	21,077	20,751	41,828	791	1,039	1,830	1,808	126	1,934	24	2	26	45,618
22	17,923	18,663	36,586	1,200	1,384	2,584	2,426	207	2,633	33	4	37	41,840
23	18,682	19,974	38,656	580	702	1,282	3,024	253	3,277	44	2	46	43,261
24	16,473	18,094	34,567	1,169	1,270	2,439	3,731	333	4,064	65	3	68	41,138
25-29	89,065	111,893	200,958	4,174	4,648	8,822	31,624	3,301	34,925	385	19	404	245,109
30-34	84,513	118,990	203,503	5,012	5,520	10,532	41,440	4,853	46,293	658	46	704	261,032
35-39	76,469	112,554	189,023	3,788	4,103	7,891	41,945	5,195	47,140	595	48	643	244,697
40-44	67,680	100,568	168,248	4,060	4,764	8,824	37,035	4,668	41,703	589	70	659	219,434
45-49	54,364	81,573	135,937	2,577	2,910	5,487	30,629	3,713	34,342	470	44	514	176,280
50-54	44,199	67,718	111,917	2,833	3,399	6,232	25,268	2,268	27,536	427	38	465	146,150
55-59	41,444	64,126	105,570	2,022	2,354	4,376	22,134	1,606	23,740	307	18	325	134,011
60-64	40,070	60,607	100,677	2,840	3,077	5,917	18,999	881	19,880	190	15	205	126,679
65-69	41,151	58,245	99,396	1,858	2,288	4,146	14,883	455	15,338	43	3	46	118,926
70&OV	88,922	115,882	204,804	3,626	4,404	8,030	9,656	209	9,865	15		15	222,714
16&OV	804,518	1,064,505	1,869,023	42,101	47,463	89,564	286,592	28,184	314,776	3,863	314	4,177	2,277,540
TOTAL	807,560	1,066,303	1,873,863	45,531	50,650	96,181	286,592	28,184	314,776	3,863	314	4,177	2,288,997

NUMBER OF COLLISIONS BY CAUSE, CONDITION AND SEX OF DRIVER

— 1990 —

CAUSE OF COLLISION	SEX	PRIMARY DRIVER			ALL DRIVERS		
		CONDITION OF DRIVER			CONDITION OF DRIVER		
		DRINKING / IMPAIRED	ODOR OF ALCOHOL	DRUG USE INDICATED	DRINKING / IMPAIRED	ODOR OF ALCOHOL	DRUG USE INDICATED
FAILED TO YIELD	M	34	94	1	58	135	2
	F	11	17	1	14	26	1
FOLLOWING TOO CLOSELY	M	48	79	1	47	103	3
	F	8	18	4	12	26	4
UNSAFE SPEED	M	173	469	13	181	481	14
	F	30	105	3	33	108	3
MADE IMPROPER TURN	M	49	93	4	68	128	4
	F	9	29	1	11	34	2
CHANGED LANES UNSAFELY	M	14	29	2	19	43	2
	F	2	7	1	3	10	1
STOPPED IN TRAFFIC LANE	M	54	1	-0-	3	5	-0-
	F	32	-0-	-0-	-0-	2	-0-
FAILED TO STOP	M	51	94	5	61	106	6
	F	15	25	3	19	32	3
UNSAFE VEHICLE	M	7	39	1	7	40	1
	F	-0-	4	-0-	-0-	4	-0-
LEFT OF CENTER	M	38	44	2	47	57	2
	F	8	16	3	11	17	3
IMPROPER OVERTAKING	M	8	13	1	12	20	1
	F	-0-	7	-0-	-0-	9	-0-
IMPROPER PARKING	M	50	-0-	-0-	-0-	-0-	1
	F	19	-0-	-0-	-0-	-0-	-0-
INATTENTION	M	120	289	9	124	294	9
	F	15	73	6	16	74	6
WRONG WAY	M	38	5	4	5	4	-0-
	F	23	-0-	-0-	-0-	-0-	-0-
DUI	M	2,274	367	54	2,292	385	54
	F	481	79	16	486	86	16
PEDESTRIAN ACTION	M	2	3	-0-	2	3	-0-
	F	2	3	-0-	2	3	-0-
OTHER	M	120	240	10	129	258	10
	F	31	42	8	32	46	8
TOTAL	M	2,940	1,860	103	3,055	2,063	108
	F	612	612	46	639	477	47
GRAND TOTALS		3,552	2,285	149	3,694	2,540	155

Miles of Highway in the State of Oklahoma

STATE, COUNTY, AND CITY MAINTAINED ROADS
1970 — 1990

YEAR	STATE MAINTAINED		COUNTY MAINTAINED		CITY MAINTAINED		TURNPIKES	TOTAL
As of Dec. 31	RURAL	MUNICIPAL	PAVED	UNPAVED	PAVED	UNPAVED	Includes 174 Mi. Interst. Mileage.	
1970	10,495	1,166	12,977	73,002	6,053	3,126	419	107,238
1971	10,470	1,250	13,667	72,021	6,702	2,607	419	107,136
1972	10,545	1,266	14,785	70,779	6,815	2,623	419	107,232
1973	10,567	1,262	16,100	69,432	7,009	2,712	419	107,501
1974	10,610	1,279	16,869	68,434	6,625	2,646	419	106,882
1975	10,775	1,282	17,240	67,844	6,528	2,623	487	106,780
1976	10,903	1,327	17,162	67,864	7,538	2,226	487	107,507
1977	10,906	1,327	18,730	66,336	7,607	2,139	487	107,532
1978	10,986	732	20,204	65,520	7,681	2,087	487	107,697
1979	10,809	741	17,701	63,604	12,452*	2,965*	487	108,759
1980	10,775	750	17,987	63,250	12,282	3,245	487	108,776
1981	10,914	1,254	21,557	64,911	8,593	1,962	487.3	109,678
1982	10,445	1,138	17,973	63,059	12,609	3,212	486	108,922
1983	10,445	1,138	17,973	63,059	12,609	3,212	486	108,922
1984	11,447	1,542	17,973	62,951	12,796	3,212	486	110,407
1985	11,447	1,542	17,973	62,951	12,796	3,212	486	110,407
1986	11,447	1,542	17,973	62,951	12,796	3,212	486	110,407
**1987	10,971	1,413	20,947	64,012	11,342	1,511	486	110,682
1988	10,971	1,413	20,947	64,012	11,342	1,511	486	110,682
1989	11,135	1,413	23,001	63,933	9,984	1,378	486	111,330
1990	11,315	1,413	23,001	63,933	9,984	1,378	486	111,330

The information in this chart was obtained from the Planning Division of the Department of Transportation.

* Large change due to improved accuracy in inventory.

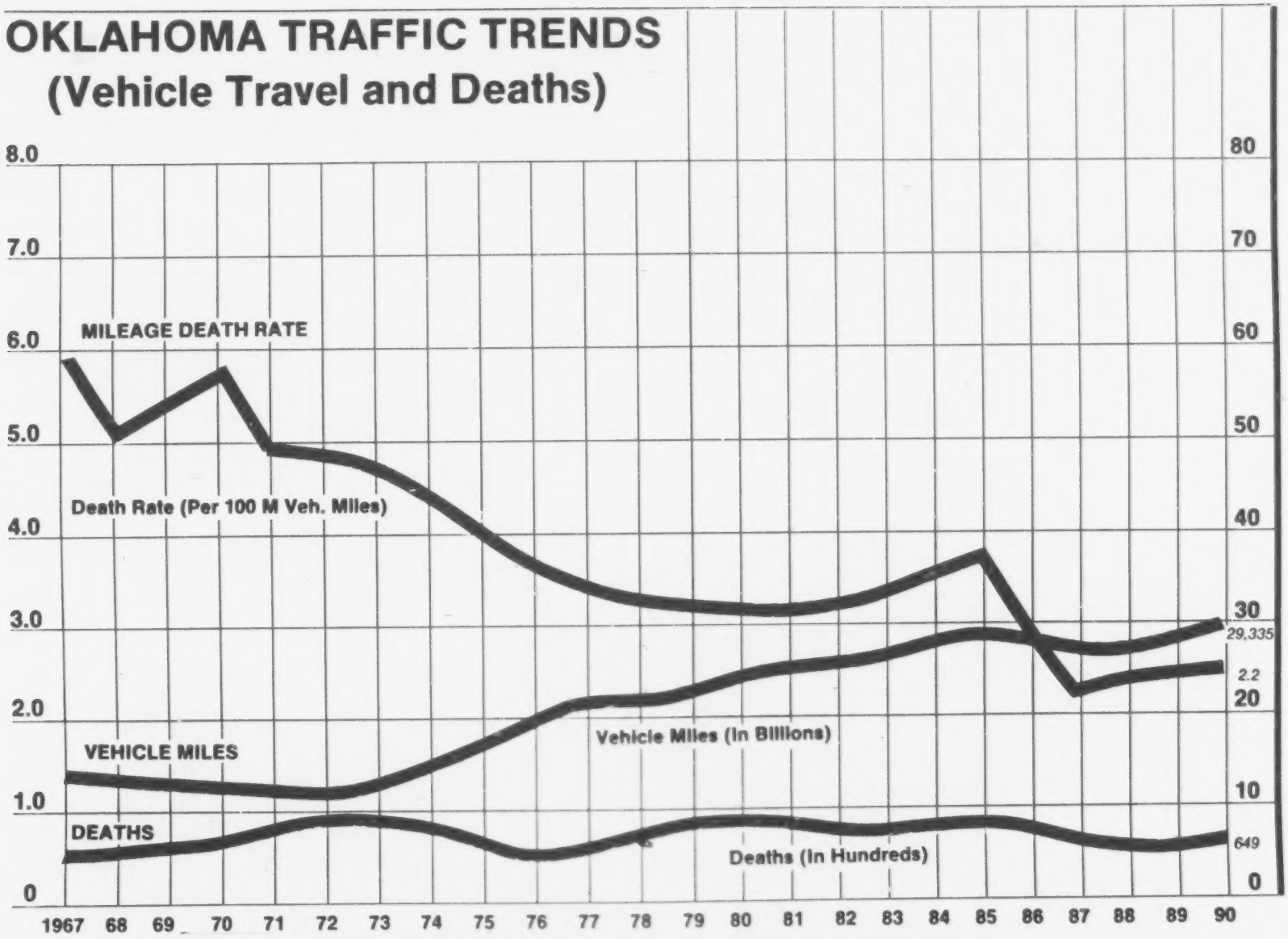
** Mileage difference due to change in State Laws.

OKLAHOMA TRAFFIC STATISTICS

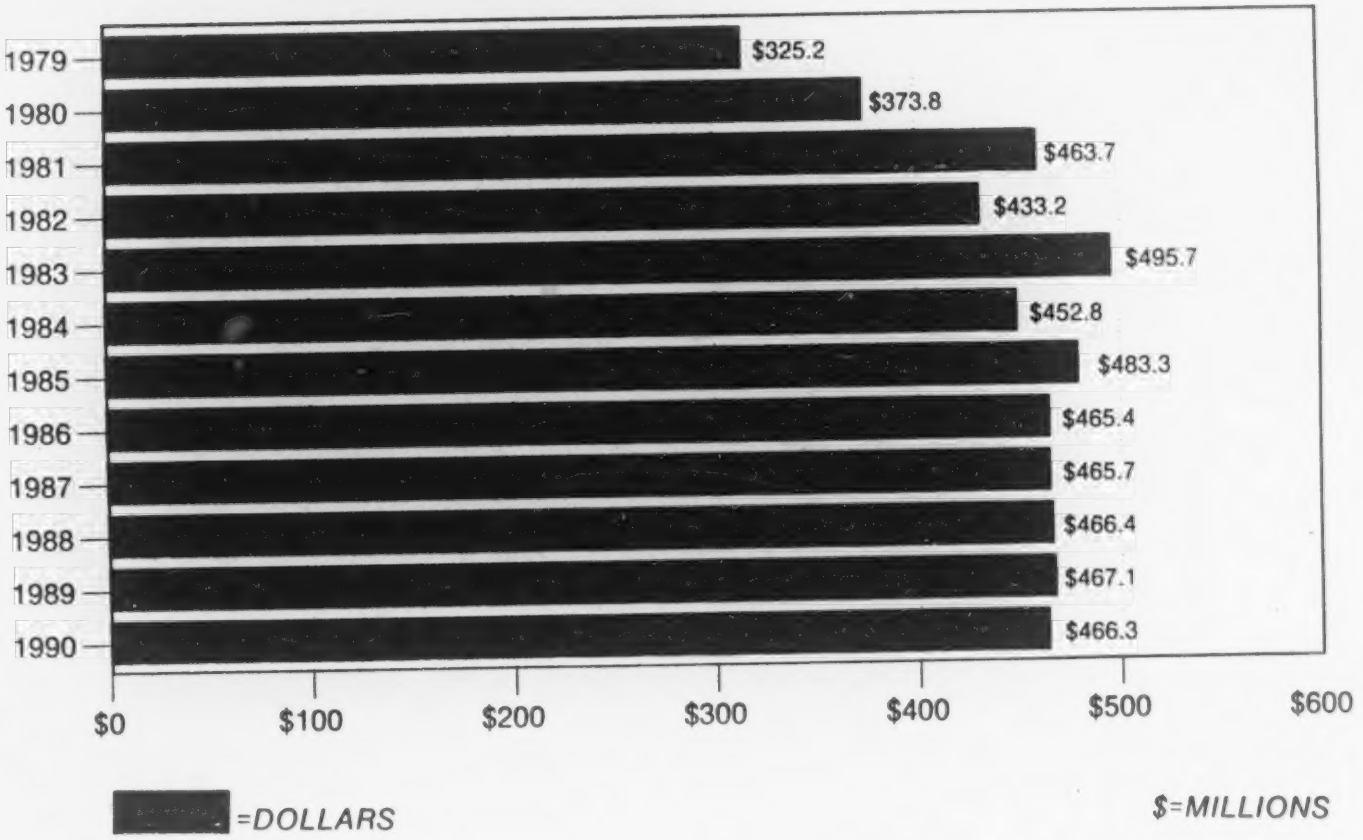
YEAR	LICENSED DRIVERS	REGISTERED VEHICLES	MILEAGE (+000,000)	ACCIDENTS	NONFATAL INJURIES	DEATHS	MILEAGE DEATH RATE
1960	1,194,936	1,228,708	11,149	42,630	17,405	659	5.9
1961	1,254,339	1,269,075	11,804	42,284	17,960	706	6.0
1962	1,309,127	1,324,410	11,949	43,871	18,930	709	5.8
1963	1,314,169	1,385,801	12,532	45,844	20,389	765	5.9
1964	1,371,404	1,439,530	13,183	49,922	21,220	786	5.9
1965	1,393,037	1,507,637	13,654	53,117	21,592	737	5.3
1966	1,424,807	1,579,148	14,745	55,807	22,100	799	5.4
1967	1,447,659	1,634,583	15,089	55,498	21,783	881	5.7
1968	1,489,532	1,714,371	16,188	59,284	20,776	797	4.9
1969	1,536,731	1,772,903	17,114	63,821	21,430	899	4.9
1970	1,651,245	1,861,102	18,142	65,183	20,935	851	4.7
1971	1,690,430	1,965,377	19,021	64,948	21,846	843	4.4
1972	1,716,468	2,094,172	20,410	68,617	21,667	846	4.1
1973	1,795,221	2,214,866	21,647	73,290	22,905	797	3.7
1974	1,732,082	2,320,422	20,933	68,204	20,630	751	3.5
1975	1,756,773	2,371,126	21,980	73,741	20,806	763	3.4
1976	1,815,941	2,484,057	23,499	75,441	24,129	838	3.5
1977	1,872,370	2,568,653	25,397	82,518	24,151	860	3.4
1978	2,020,420	2,729,114	26,441	85,956	23,885	920	3.5
1979	1,971,712	2,885,673	27,079	83,762	22,968	870	3.2
1980	2,016,965	2,717,363	27,331	77,660	24,058	972	3.6
1981	2,047,970	2,890,135	28,242	85,387	34,751	1,004	3.6
1982	2,121,700	3,077,997	29,385	89,004	35,743	1,070	3.6
1983	2,174,350	3,078,010	29,689	84,038	32,232	854	2.8
1984	2,075,309	3,068,010	29,020	81,648	32,672	817	2.8
1985	2,187,408	3,067,681	28,657	81,073	34,255	749	2.6
1986	2,149,439	3,068,022	27,993	75,423	34,462	711	2.5
1987*	2,163,148	4,135,384	27,036	71,651	34,454	611	2.2
1988*	2,225,634	4,173,368	29,862	69,420	35,527	643	2.1
1989	2,292,867	3,119,680	30,119	67,836	35,068	656	2.2
1990	2,288,997	**	29,335	71,438	38,404	649	2.2

* VEHICLE REGISTRATION STATISTICS FURNISHED BY OKLAHOMA TAX COMMISSION ADJUSTED DUE TO CHANGE IN VEHICLE LAWS.

** *DATA NOT AVAILABLE AT PUBLICATION DATE*

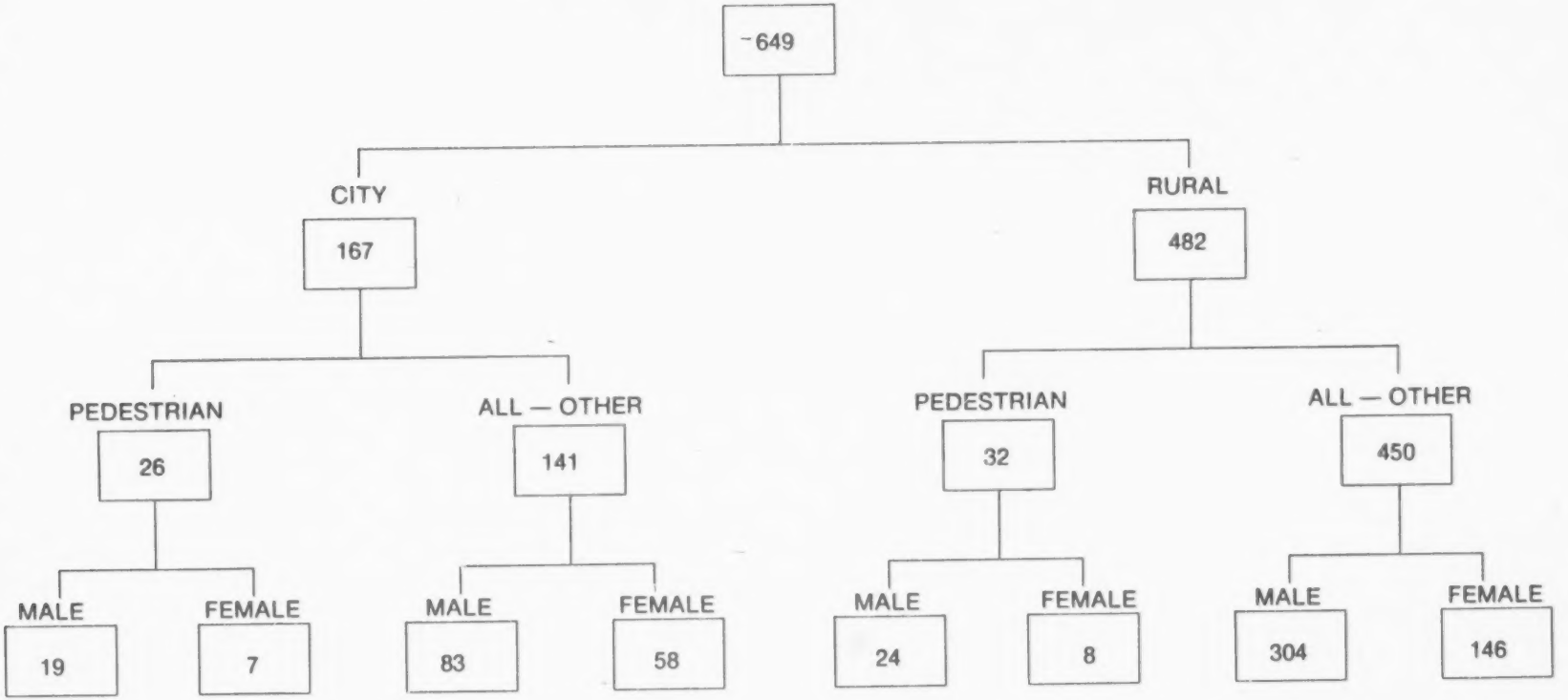

OKLAHOMA TRAFFIC TRENDS
(Vehicle Travel and Deaths)
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0
MILEAGE DEATH RATE
Death Rate (Per 100 M Veh. Miles)
VEHICLE MILES
DEATHS
Vehicle Miles (In Billions)
Deaths (In Hundreds)
80
70
60
50
40
30
20
10
0
29,335
2.2
649
1967 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90

1990 Estimated Ecomomic Loss *
(In Millions of Dollars)



1990 Estimated Property Damage

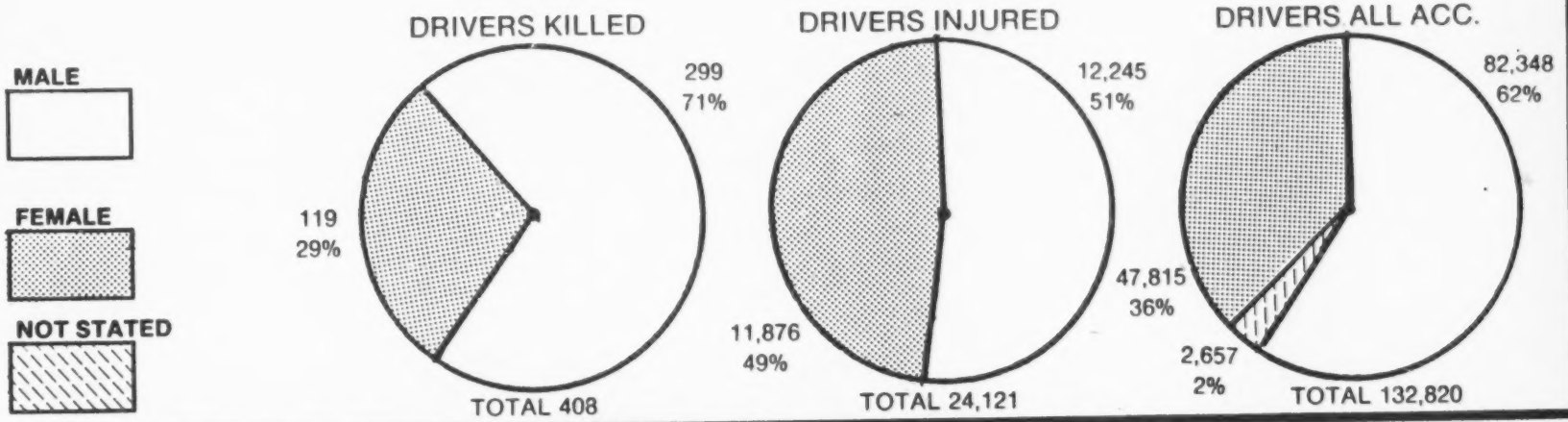
OKLAHOMA
TOTAL TRAFFIC DEATHS - **1990**



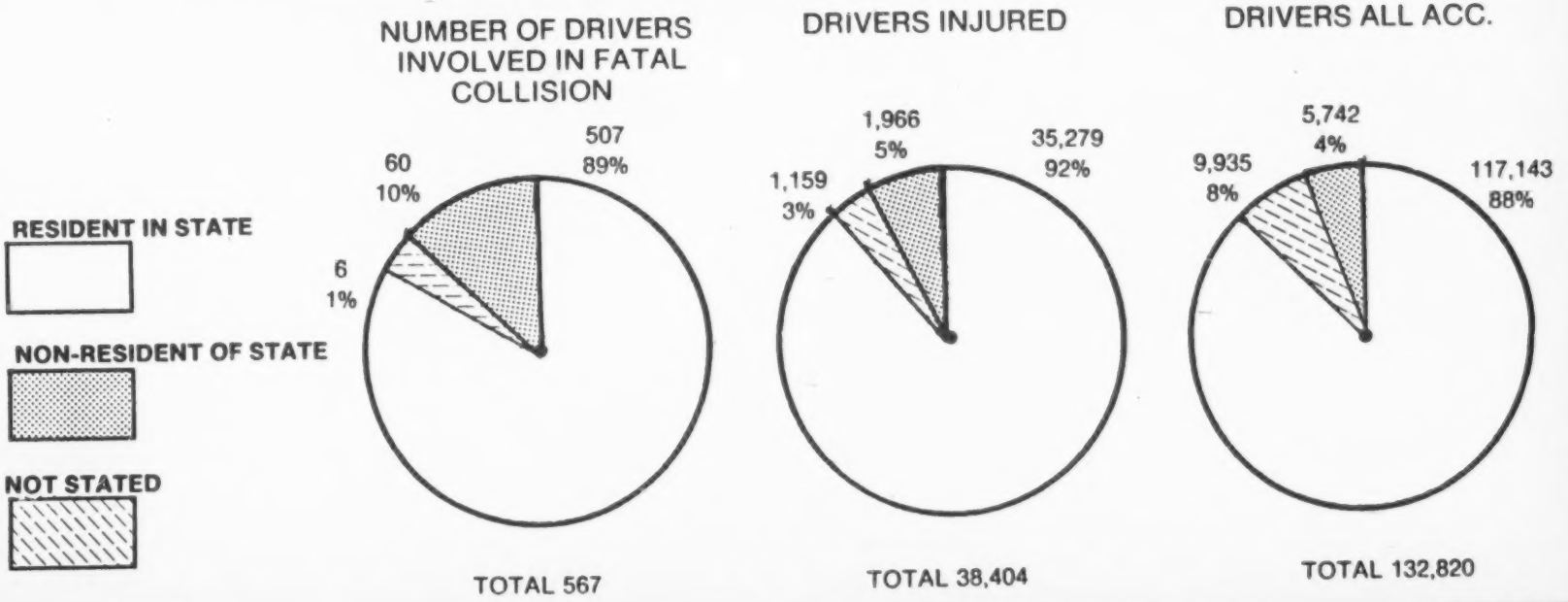
AGE DISTRIBUTION OF DRIVERS INVOLVED IN TRAFFIC ACCIDENTS

AGE GROUP	DRIVERS KILLED		DRIVERS INJURED		DRIVERS IN ALL ACCIDENTS	
	1989	1990	1989	1990	1989	1990
15 & Younger	7 2%	4 1%	216 1%	129 .5%	961 1%	1,341 1.0%
16	9 2%	10 3%	953 4%	933 4.0%	5,009 4%	5,464 4.1%
17	20 5%	10 3%	997 4.45%	986 4.2%	3,797 3%	4,114 3.1%
18 & 19	33 8%	26 7%	2,120 10%	2,046 9.0%	8,875 7%	9,040 6.8%
20 — 24	57 14%	53 14%	3,306 15%	3,465 15.0%	17,240 14%	18,860 14.2%
25 — 34	86 21%	83 22%	5,435 24%	5,713 24.55%	32,611 25%	35,841 27.00%
35 — 44	64 15%	50 13%	3,601 16%	4,017 17.0%	24,277 19%	24,133 18.2%
45 — 54	52 12%	40 11%	2,028 9%	2,174 9.3%	8,895 7%	9,291 7.0%
55 — 64	27 6%	27 7%	1,485 7%	1,675 7.1%	9,503 8%	9,580 7.2%
65 — 74	33 8%	39 10%	1,341 6.50%	1,421 6.1%	6,281 5%	6,782 5.1%
75 & Older	29 7%	32 9%	675 3%	777 3.2%	3,473 3%	4,114 3.1%
Not Stated	0 0%	0 0%	11 .05%	7 .05%	5,017 4%	4,260 3.2%
TOTAL	417 100%	374 100%	22,168 100%	23,343 100%	125,939 100%	132,820 100%

Sex of Drivers Involved in Traffic Accidents



Residence of Primary Drivers Involved in Traffic Accidents

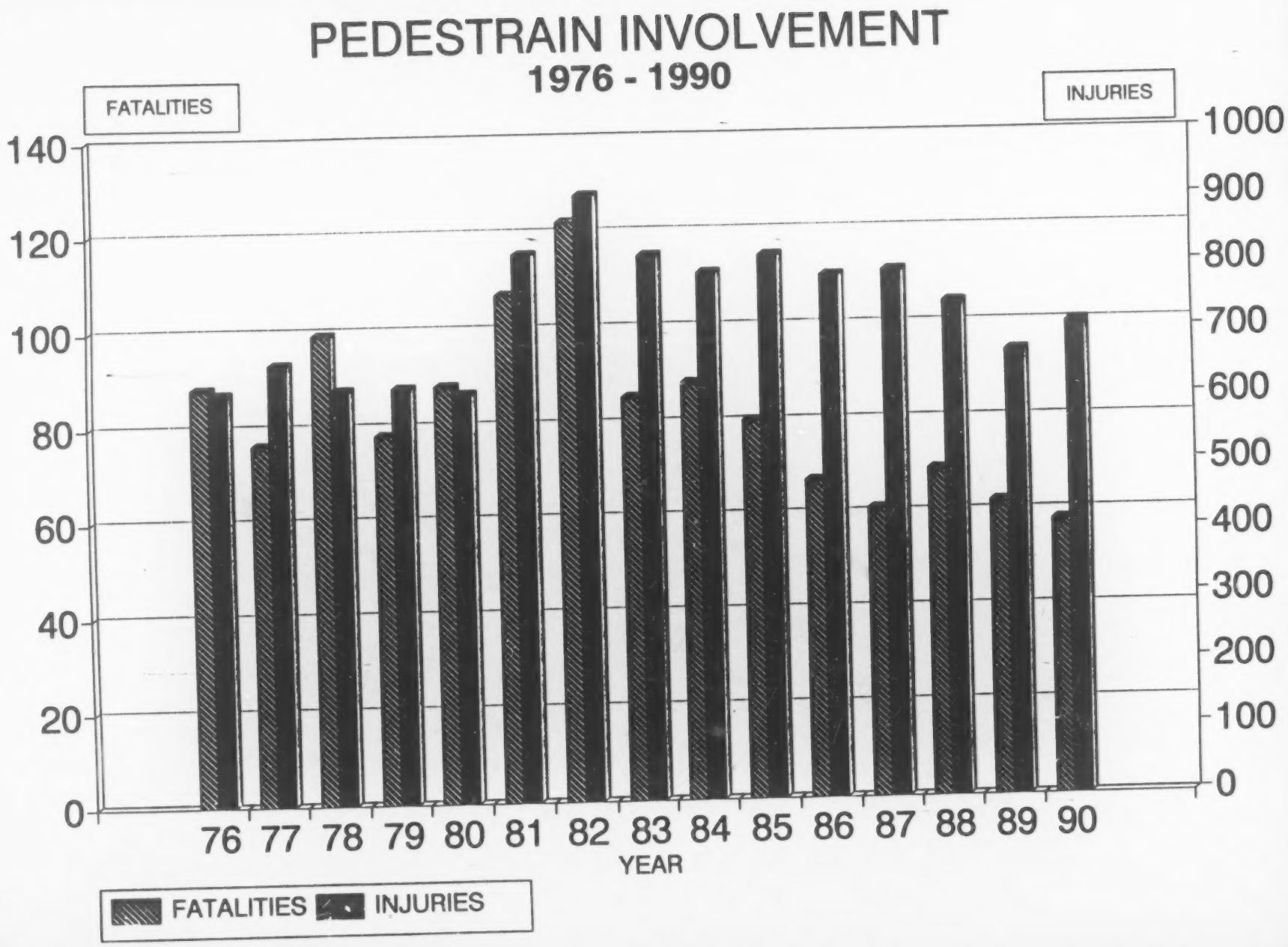


1989 — 1990 PEDESTRIAN DEATHS AND INJURIES BY AGE

AGE GROUP	DEATHS		INJURIES	
	1989	1990	1989	1990
0 - 4	2 3%	1 2%	51 8%	42 6%
5 - 13	7 11%	6 10%	200 30%	162 23%
14 - 15	0 0%	2 3%	35 5%	40 6%
16	0 0%	0 0%	12 2%	17 2%
17 - 21	5 8%	3 5%	62 9%	81 11%
22 - 27	6 10%	8 13%	59 9%	58 8%
28 - 33	11 18%	6 10%	49 7%	70 10%
34 - 39	12 19%	7 12%	39 6%	34 5%
40 - 44	1 2%	2 4%	27 4%	42 6%
45 - 54	3 5%	5 9%	20 3%	37 5%
55 - 64	2 3%	5 9%	26 4%	22 3%
65 - 74	5 8%	3 5%	16 2%	22 3%
75 & Older	7 11%	5 9%	17 2%	22 3%
Not Stated	1 2%	5 9%	57 9%	63 9%
TOTAL	62 100%	58 100%	670 100%	712 100%

1989 — 1990 PEDESTRIAN FATALITIES BY AGE AND SEX

AGE GROUP	MALE		FEMALE	
	1989	1990	1989	1990
0 - 4	2 4%	1 2%	0 0%	0 0%
5 - 13	5 9%	4 9%	2 26%	2 13%
14 - 15	0 0%	2 5%	0 0%	0 0%
16	0 0%	0 0%	0 0%	0 0%
17 - 21	5 9%	1 2%	0 0%	2 13%
22 - 27	5 9%	6 14%	1 12%	2 13%
28 - 33	10 18%	5 12%	1 12%	1 7%
34 - 39	9 17%	6 14%	3 38%	1 7%
40 - 44	1 2%	1 2%	0 0%	1 7%
45 - 54	2 4%	5 12%	1 12%	0 0%
55 - 64	2 4%	4 9%	0 0%	1 7%
65 - 74	5 9%	1 2%	0 0%	2 13%
75 & Older	7 13%	5 12%	0 0%	0 0%
Not Stated	1 2%	2 5%	0 0%	3 20%
TOTAL	54 100%	43 100%	8 100%	15 100%

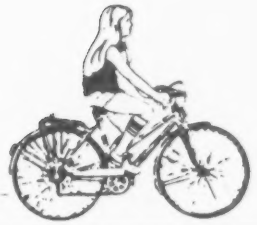

PEDESTRAIN INVOLVEMENT
1976 - 1990
FATALITIES
INJURIES
140
120
100
80
60
40
20
0
1000
900
800
700
600
500
400
300
200
100
0
76 77 78 79 80 81 82 83 84 85 86 87 88 89 90
YEAR
FATALITIES
INJURIES

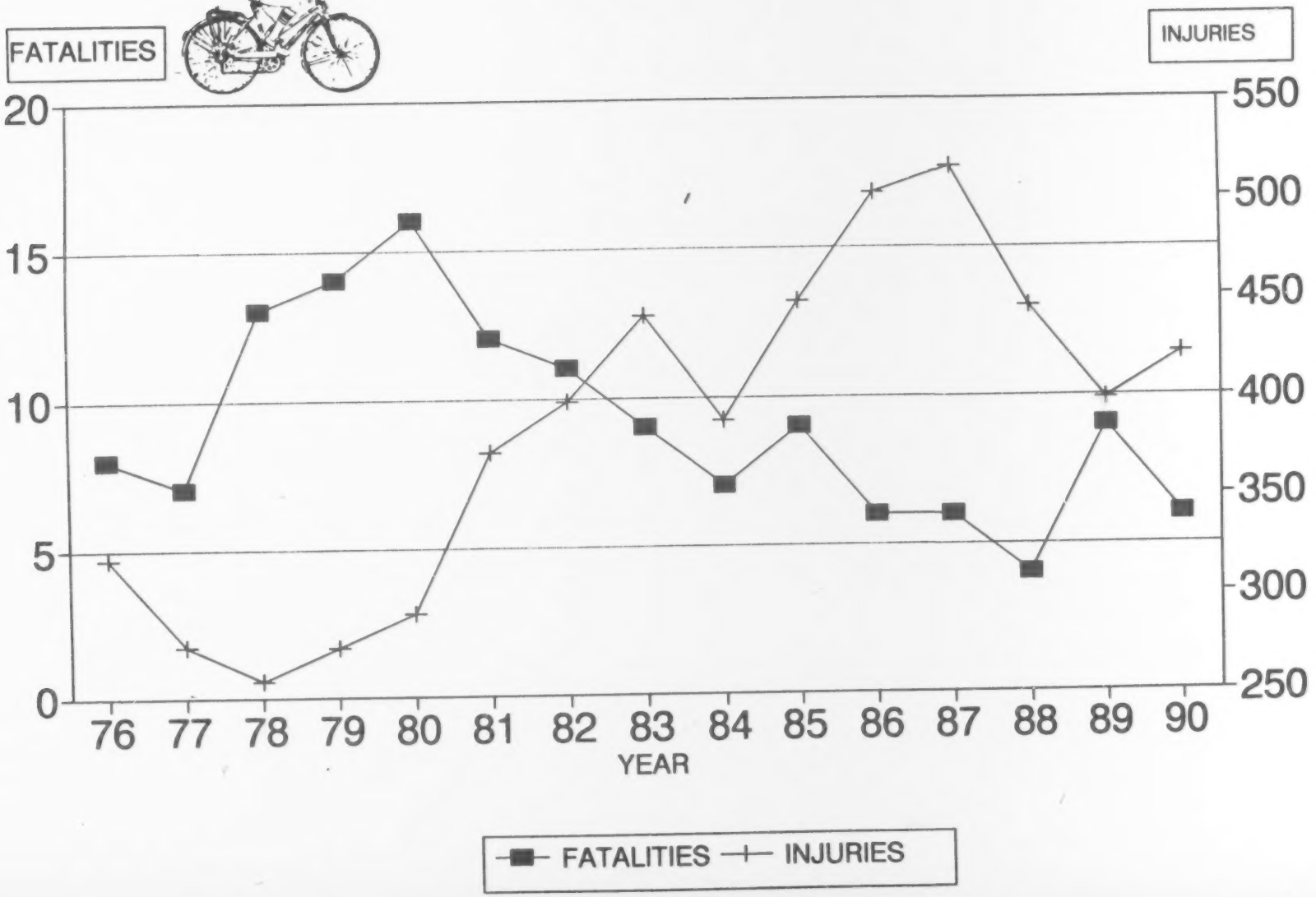
PEDESTRIAN-INVOLVED COLLISIONS BY PEDESTRIAN ACTION AND CONDITION

PEDESTRIAN ACTIONS IN ROADWAY	CONDITION OF PEDESTRIAN		
	DRINKING / IMPAIRED	ODOR OF ALCOHOL	DRUG USE INDICATED
1. CROSSING AT INTERSECTION	6	3	-0-
2. CROSSING AT NON-INTERSECTION	28	24	1
3. CROSSING AT OTHER CROSSWALK	-0-	-0-	-0-
4. GETTING ON/OFF VEHICLE	1	2	-0-
5. WALKING WITH TRAFFIC	8	5	-0-
6. WALKING AGAINST TRAFFIC	3	5	-0-
7. PUSHING/WORKING ON VEHICLE	-0-	1	-0-
8. PLAYING	2	2	-0-
9. OTHER WORKING	-0-	-0-	-0-
10. OTHER/NOT STATED	23	18	-0-
TOTALS	71	60	1

PEDALCYCLIST

1976 - 1990





OKLAHOMA DEPARTMENT OF PUBLIC SAFETY

MOTORCYCLE STATISTICS

YEAR	KILLED	INJURED	REGISTRATIONS
1990	**39**	**1,140**	**60,000**
1989	39	1,215	64,056
1988	48	1,261	67,802
1987	45	1,245	67,802
1986	60	1,652	106,940
1985	68	1,511	107,840
1984	64	1,592	105,963
1983	61	1,807	127,809
1982	79	2,338	132,516
1981	92	2,444	127,957
1980	90	1,636	125,380
1979	80	1,656	122,764
1978	74	1,541	113,902
1977	72	1,774	109,847
1976	54	1,592	109,443
1975	59	1,434	107,501
1974	41	1,645	104,059
1973	47	1,568	94,156
1972	55	1,490	84,536
1971	60	1,536	71,038
1970	52	1,244	56,119
1969	34	877	41,982
1968	22	443	34,598
1967	27	765	31,370
1966	22	821	28,001
1965	18	682	22,247

1990 MOTORCYCLE COLLISION STATISTICS

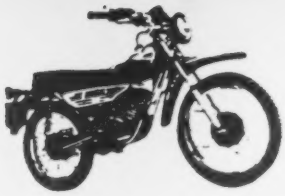
YEAR	FATAL ACCIDENTS	INJURY ACCIDENTS	PROPERTY DAMAGE ACCIDENTS	TOTAL COLLISIONS
1976	48	1,463	537	2,048
1977	71	1,595	583	2,239
1978	70	1,449	546	2,065
1979	78	1,556	525	2,159
1980	84	1,539	428	2,051
1981	89	2,287	655	3,031
1982	79	2,330	635	3,044
1983	61	1,891	524	2,476
1984	63	1,789	500	2,352
1985	68	1,809	417	2,307
1986	59	1,520	358	1,937
1987	45	1,245	336	1,626
1988	48	1,113	332	1,493
1989	38	1,038	277	1,315
1990	**39**	**1,140**	**285**	**1,340**

	CAUSES	(% of all Causes)	DRIVERS AT FAULT: CYCLE DRIVERS	DRIVERS AT FAULT: OTHER DRIVERS
201	Failure to Yield	(15%)	46 or 23%	155 or 77%
215	Improper Turn	(16%)	45 or 21%	170 or 79%
241	Unsafe Speed	(18%)	183 or 76%	58 or 24%
67	Follow too Close	(5%)	56 or 83%	11 or 17%
80	Fail Stop/Control	(6%)	38 or 62%	42 or 38%
67	DWI	(5%)	50 or 75%	17 or 25%
469	Other	(35%)	389 or 83%	80 or 17%

YEAR	FATALITIES	INJURIES
1976	54	1,592
1977	72	1,774
1978	74	1,541
1979	80	1,656
1980	90	1,636
1981	92	2,444
1982	79	2,338
1983	61	1,807
1984	64	1,592
1985	81	1,511
1986	60	1,652
1987	46	1,395
1988	48	1,261
1989	39	1,215
1990	39	1,140

Fatals Increased	33%	from 1976 to 1977
Fatals Increased	3%	from 1977 to 1978
Fatals Increased	6%	from 1978 to 1979
Fatals Increased	12%	from 1979 to 1980
Fatals Increased	2%	from 1980 to 1981
Fatals DECREASED	14%	from 1981 to 1982
Fatals DECREASED	23%	from 1982 to 1983
Fatals Increased	5%	from 1983 to 1984
Fatals Increased	6%	from 1984 to 1985
Fatals DECREASED	13%	from 1985 to 1986
Fatals DECREASED	23%	from 1986 to 1987
Fatals Increased	8%	from 1987 to 1988
Fatals DECREASED	19%	from 1988 to 1989
NO CHANGE	0%	from 1989 to 1990

Injuries Increased	9%	from 1976 to 1977
Injuries DECREASED	13%	from 1977 to 1978
Injuries Increased	5%	from 1978 to 1979
Injuries DECREASED	1%	from 1979 to 1980
Injuries Increased	49%	from 1980 to 1981
Injuries DECREASED	4%	from 1981 to 1982
Injuries DECREASED	23%	from 1982 to 1983
Injuries DECREASED	12%	from 1983 to 1984
Injuries Increased	1%	from 1984 to 1985
Injuries Increased	9%	from 1985 to 1986
Injuries DECREASED	18%	from 1986 to 1987
Injuries DECREASED	10%	from 1987 to 1988
Injuries DECREASED	7%	from 1988 to 1989
Injuries DECREASED	6%	from 1989 to 1990



1990 MOTORCYCLE STATISTICS

Of the 39 persons killed in 1990:

a. 27 or 69% suffered head injuries
b. 31 were not wearing helmets
c. 8 were wearing helmets
d. 6 were female
e. 3 were between the ages of 13 and 16
f. 16 were between the ages of 17 and 27
g. 20 were over the age of 27
h. 34 were drivers

Of the 1,140 injured in 1990:

a. 621 were head injuries
b. 485 were wearing helmets
c. 655 were not wearing helmets
d. 36 were 14 years of age or younger
e. 82 were between the ages of 15 and 16
f. 525 were between the ages of 17 and 27
g. 497 were over the age of 27

Motorcycles accounted for 6.0% of all motor vehicle deaths.

Motorcycles accounted for 2.9% of all motor vehicle injuries.

Size of the 34 motorcycles involved in 34 fatality accidents:

Motor Displacement	Number Involved	Percentage
Up to 100cc	2	5%
100cc to 200cc	4	11%
200cc to 300cc	1	2%
300cc to 400cc	1	2%
400cc to 500cc	6	17%
500cc and above	16	52%
Not Stated	4	11%

Of the total drivers involved in motorcycle accidents, the percentage of motorcycle drivers at fault in 1990 was 61%

NOTE: NOT INCLUDED IN MOTORCYCLE STATISTICS

1 Male Fatality — Moped — Driver	Age 25
1 Male Fatality — 3 Wheeler — Driver	Age 13
1 Female Fatality — 3 Wheeler — Passenger	Age 14

SERVICES & RECORDS DIVISION

SUMMARY OF MOTOR VEHICLE TRAFFIC ACCIDENTS IN OKLAHOMA

YEAR	TOTAL ACCIDENTS	FATAL ACCIDENTS	INJURY ACCIDENTS	PROPERTY DAMAGE	PERSONS KILLED	PERSONS INJURED	DEATH RATE
1937	18,423	577	5,741	12,105	639	6,912	14.2
1938	17,735	467	5,638	11,630	518	6,610	12.1
1939	16,874	430	4,241	12,203	492	5,928	9.8
1940	21,599	403	5,205	15,991	487	7,369	9.8
1941	24,192	463	5,511	18,218	563	7,769	10.2
1942	15,185	279	2,960	11,946	328	4,415	7.9
1943	11,417	232	2,266	8,919	267	3,515	7.6
1944	10,381	272	2,391	7,718	308	3,931	8.8
1945	12,443	348	2,981	9,114	414	4,715	10.3
1946	17,720	433	3,951	13,336	502	6,425	9.4
1947	20,506	437	4,293	15,776	514	6,745	8.8
1948	23,032	433	4,306	18,293	510	6,884	8.4
1949	25,716	428	4,263	21,025	523	6,870	7.9
1950	41,476	427	5,708	35,341	501	9,661	6.7
1951	37,522	487	6,330	30,705	577	10,687	7.0
1952	31,612	484	6,908	24,220	595	11,502	6.8
1953	31,740	461	6,758	24,521	549	11,335	6.2
1954	30,281	498	6,727	23,056	579	11,103	6.4
1955	32,826	487	7,672	24,667	595	12,720	6.4
1956	36,320	572	8,176	27,572	683	13,460	7.2
1957	39,153	571	8,840	29,742	703	14,194	7.0
1958	38,512	539	9,150	28,823	670	14,788	6.6
1959	39,753	523	9,917	29,313	642	15,976	6.2
1960	42,630	543	10,881	31,206	659	17,405	5.9
1961	42,284	536	11,129	30,619	706	17,960	6.0
1962	43,871	575	11,926	31,370	709	18,930	5.8
1963	45,844	629	12,624	32,591	765	20,389	5.9
1964	49,922	635	13,217	36,070	786	21,220	5.9
1965	53,117	614	13,631	38,872	737	21,592	5.3
1966	55,807	667	13,961	41,179	799	22,100	5.4
1967	55,498	720	13,783	40,995	881	21,783	5.7
1968	59,284	666	13,194	45,424	797	20,776	4.9
1969	63,821	744	13,564	49,513	899	21,430	4.9
1970	65,183	690	13,601	50,894	851	20,935	4.7
1971	64,948	701	14,000	50,249	843	21,846	4.4
1972	68,617	724	14,253	53,642	846	21,667	4.1
1973	73,290	682	15,256	57,352	797	22,905	3.7
1974	68,204	656	13,699	53,850	751	20,630	3.5
1975	73,741	657	13,590	59,494	762	20,806	3.4
1976	75,441	693	15,923	58,825	838	24,129	3.5
1977	82,518	743	15,704	66,071	860	24,151	3.4
1978	85,956	778	15,811	69,367	920	23,885	3.5
1979	83,762	744	15,240	67,778	870	22,968	3.2
1980	77,660	832	16,058	60,770	972	24,058	3.6
1981	85,387	871	23,081	61,435	1,004	34,751	3.6
1982	89,004	933	24,049	64,022	1,070	35,743	3.7
1983	84,038	726	21,774	61,538	854	32,232	2.6
1984	81,648	720	22,200	58,958	817	32,672	2.8
1985	81,073	661	22,732	57,680	749	34,255	2.6
1986	75,423	617	22,456	52,350	711	34,462	2.5
1987	71,651	551	22,399	48,701	611	34,454	2.2
1988	69,417	562	22,750	46,110	643	35,527	2.1
1989	67,836	575	22,580	46,681	656	35,068	2.2
1990	71,438	567	24,549	46,322	649	38,404	2.2
TOTAL	2,702,331	31,263	649,538	2,024,162	36,968	1,002,647	- -

STATE MOTOR-VEHICLE DEATHS, CHANGES, AND RATES**

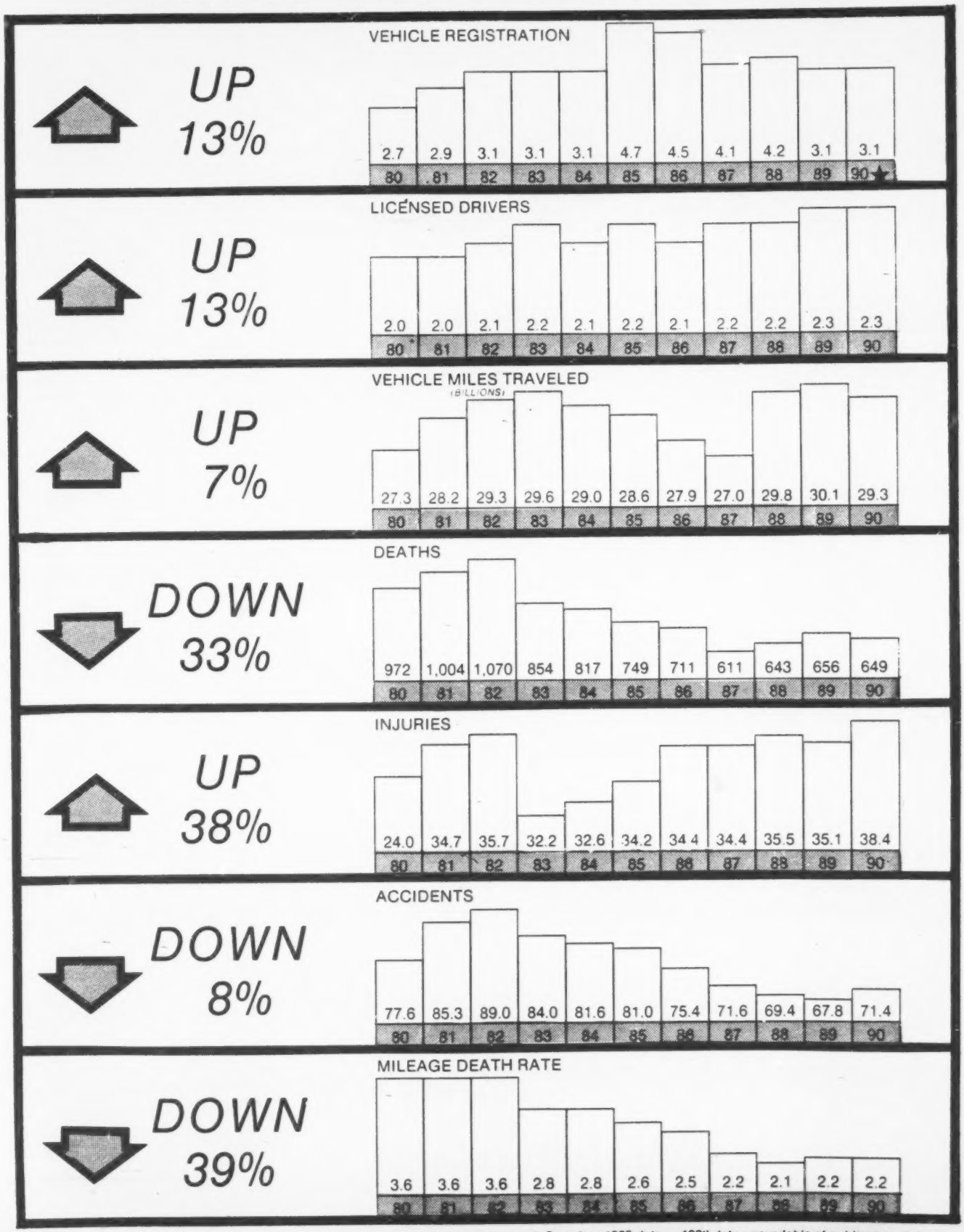
STATE	MONTHS REPORTED	DEATHS IDENTICAL PERIOD 1990	1989	1988	PERCENT CHANGES 1989 TO 1990	1988 TO 1990	1990 POP. RATE	1990 MILE RATE
TOTAL U.S.	12	46,600	47,100	49,078	-1%	-5%	18.7	2.2
Alabama	12	1,076	1,004	994	+7%	+8%	26.1	2.4
Alaska	12	93	83	93	+12%	0%	17.6	2.7
Arizona	12	862	859	944	+ *%	-9%	24.2	2.5
Arkansas	12	605	645	611	-6%	-1%	25.1	3.1
California	12	4,706	5,105	5,091	-8%	-8%	16.2	1.9
Colorado	10	463	448	418	+3%	+11%	16.8	2.1
Connecticut	10	319	329	402	-3%	-21%	11.8	1.5
Delaware	12	142	118	164	+20%	-13%	21.1	2.2
D of C	12	55	75	62	-27%	-11%	9.1	1.6
Florida	12	2,941	3,016	3,092	-2%	-5%	23.2	2.7
Georgia	12	1,530	1,599	1,591	-4%	-4%	23.8	2.3
Hawaii	12	175	147	149	+19%	+17%	15.7	2.1
Idaho	12	243	238	256	+2%	-5%	24.0	2.8
Illinois	12	1,585	1,722	1,865	-8%	-15%	13.6	2.0
Indiana	12	1,041	970	1,093	+7%	-5%	18.6	2.0
Iowa	12	459	511	550	-10%	-17%	16.2	2.0
Kansas	12	435	416	475	+5%	-8%	17.3	2.1
Kentucky	12	851	776	833	+10%	+2%	22.8	2.6
Louisiana	12	865	800	889	+8%	-3%	19.7	2.4
Maine	12	211	190	246	+11%	-14%	17.3	1.8
Maryland	12	724	746	788	-3%	-8%	15.4	1.8
Massachusetts	12	592	682	703	+13%	-16%	10.0	1.4
Michigan	12	1,552	1,606	1,674	-3%	-7%	16.7	2.0
Minnesota	12	568	595	612	-5%	-7%	13.0	1.5
Mississippi	12	716	714	691	+ *%	+4%	27.3	3.3
Missouri	12	1,096	1,042	1,095	+5%	+ *%	21.2	2.4
Montana	12	211	181	197	+17%	+7%	26.2	2.7
Nebraska	12	262	294	260	-11%	+1%	16.3	2.0
Nevada	12	338	307	286	+10%	+18%	30.4	3.5
New Hampshire	12	158	190	163	-17%	-3%	14.3	1.7
New Jersey	12	888	882	1,053	+1%	-16%	11.5	1.4
New Mexico	12	497	537	489	-7%	+2%	32.5	3.2
New York	12	2,039	2,112	2,187	-3%	-7%	11.4	1.9
North Carolina	12	1,368	1,451	1,580	-6%	-13%	20.8	2.4
North Dakota	12	111	81	104	+37%	+7%	16.8	2.0
Ohio	12	1,520	1,700	1,699	-11%	-11%	13.9	1.9
Oklahoma	12	646	651	634	-1%	+2%	20.0	2.0
Oregon	12	578	622	677	-7%	-15%	20.5	2.3
Pennsylvania	10	1,363	1,559	1,483	-13%	-8%	13.6	2.0
Rhode Island	12	83	100	124	-17%	-33%	8.3	1.4
South Carolina	12	983	998	1,035	-2%	-5%	28.0	3.3
South Dakota	12	153	151	146	+1%	+5%	21.4	2.3
Tennessee	12	1,154	1,073	1,229	+8%	-6%	23.4	2.4
Texas	12	3,187	3,271	3,337	-3%	-4%	18.8	2.1
Utah	12	270	302	298	-11%	-9%	15.8	2.2
Vermont	12	87	116	128	-25%	-32%	15.3	1.5
Virginia	12	1,077	1,000	1,070	+8%	+1%	17.7	1.8
Washington	12	821	777	780	+6%	+5%	17.2	1.8
West Virginia	12	482	468	461	+3%	+5%	26.0	3.3
Wisconsin	12	769	816	811	-6%	-5%	15.8	1.8
Wyoming	12	125	127	155	-2%	-19%	26.3	2.3
Puerto Rico #	2	86	103	114	-17%	-25%	18.9	--
Virgin Islands #	12	25	12	18	+108%	+39%	45.0	--

NOTE: Deaths are reported by state traffic authorities. All figures are preliminary.
To ensure proper comparisons, 1988 and 1989 figures are preliminary figures covering the same reporting period as those for 1990
POP. RATE: Annual number of deaths per 100,000 population. MILE RATE: Annual number of deaths per 100,000,000 vehicle miles.

\# Not included in the Total U.S. death count or rates.

* Less than 0.5% ** Prepared by National Safety Council.

OKLAHOMA TRAFFIC TRENDS: 1980 - 1990



*Graph not drawn to scale

★ Based on 1989 data — 1990 data unavailable at publication date.